KUPNÍ SMLOUVA

smlouva č. S16/170E

Tato kupní smlouva (dále jen „**Smlouva**") byla uzavřena v souladu s ustanovením § 2079 a násl. zákona č. 89/2012 Sb., občanský zákoník (dále jen „**Občanský zákoník**") níže uvedeného dne, měsíce a roku mezi:

(1) **Fyzikální ústav AV ČR, v. v. i.,**

se sídlem: Na Slovance 2, Praha 8, PSČ: 182 21,

IČO: 68378271,

zastoupen: prof. Jan Řídký, DrSc. – ředitel

(dále jen „**Kupující**"); a

(2) **MIT, spol. s r. o.,**

se sídlem: Praha 4, Klánova 71/56, PSČ 14700,

IČO: 46348395,

zastoupen: Martin Moser, jednatel

(dále jen „**Prodávající**").

(Kupující a Prodávající dále společně jen jako „**Strany**" a každý samostatně též jako „**Strana**".)

VZHLEDEM K TOMU, ŽE

(A) Kupující je veřejným zadavatelem a příjemcem dotace Ministerstva školství, mládeže a tělovýchovy České republiky na projekt „ELI: EXTREME LIGHT INFRASTRUCTURE – fáze 2", reg. číslo projektu CZ.02.1.01/0.0/0.0/15_008/0000162 (dále jen „**Projekt**"), a to v rámci Operačního programu Výzkum, vývoj a vzdělávání.

(B) Za účelem úspěšné realizace Projektu je nezbytné pořídit i Předměty koupě (jak je tento pojem definován níže), a to v souladu se zákonem č. 137/2006 Sb., o veřejných zakázkách (dále jen „**Zákon o veřejných zakázkách**"), a Pravidly pro výběr dodavatelů v rámci Operačního programu Výzkum a vývoj pro inovace.

(C) Prodávající má zájem Předměty koupě Kupujícímu za úplatu poskytnout.

(D) Nabídka Prodávajícího podaná pro veřejnou zakázku „*Vybavení experimentálních laboratoří – optomechanika a malá optika pro femtosekundovou spektroskopii*", jež byla uveřejněna ve Věstníku veřejných zakázek pod evidenčním číslem 635198 a jejímž cílem bylo obstarat Předměty koupě (dále jen „**Veřejná zakázka**"), byla vybrána Kupujícím jako nejvhodnější.

BYLO DOHODNUTO NÁSLEDUJÍCÍ:

1. PŘEDMĚT SMLOUVY

1.1 Touto Smlouvou se Prodávající zavazuje odevzdat Kupujícímu věci, které budou splňovat parametry, vlastnosti a požadavky uvedené v Příloze 1 (*Technická specifikace*) této Smlouvy a v Příloze 2 (*Cenová tabulka a technický popis Prodávajícího*) této Smlouvy (včetně požadovaného počtu kusů) (dále jen „**Předměty koupě**"), převést na Kupujícího vlastnické právo k Předmětům koupě a Kupující se zavazuje Předměty koupě převzít a zaplatit Prodávajícímu Kupní cenu (jak je tento pojem definován níže), a to vše za podmínek uvedených v této Smlouvě.

1.2 Touto Smlouvou se Prodávající dále zavazuje vykonat následující činnosti (dále jen „**Související činnosti**"):

a) ověřit, že Předměty koupě splňují veškeré požadavky stanovené v této Smlouvě a jsou plně funkční; a

b) dopravit Předměty koupě do místa plnění.

1.3 Prodávající se zavazuje Kupujícímu, že pokud ke splnění požadavků Kupujícího vyplývajících z této Smlouvy budou potřebné i další dodávky a činnosti výslovně neuvedené v této Smlouvě, Prodávající takové dodávky a činnosti na své náklady obstará či provede, aniž by tím byla dotčena výše Kupní ceny.

1.4 Prodávající je oprávněn dodat i jiné věci než ty, které jsou popsány v Příloze 2 (*Cenová tabulka a technický popis Prodávajícího*), a to za předpokladu, že budou splňovat požadavky uvedené v Příloze 1 (*Technická specifikace*) a Kupující vysloví s dodáním těchto nových věcí souhlas.

2. MÍSTO PLNĚNÍ

Místo plnění je na adrese Za Radnicí 835, Dolní Břežany, Středočeský kraj nebo jiná adresa v obci Dolní Břežany sdělená Kupujícím po podpisu této Smlouvy.

3. ČAS PLNĚNÍ

3.1 Prodávající je povinen Předměty koupě odevzdat a vykonat Související činnosti do 4 týdnů ode dne účinnosti této Smlouvy s výjimkou spektrometru („spectrometer 200-1080 nm" - položka 141 v Příloze 1), který je Prodávající povinen odevzdat do 8 týdnů ode dne účinnosti této Smlouvy. Čas plnění je určen v prospěch Kupujícího. Kupující je oprávněn dobu plnění podle své potřeby prodloužit, a to až o dalších 8 týdnů, jsou-li pro to důležité důvody (např. nemožnost převzít Předměty koupě z důvodu nepřipravenosti prostor) nebo pokud Kupující nemá pro Předměty koupě okamžité využití. Kupující je oprávněn podle předchozí věty prodloužit dobu plnění i jen pro jednotlivé Předměty koupě. Prodávající je oprávněn Předměty koupě dodat dříve, vysloví-li s tím Kupující souhlas.

3.2 Prodávající je oprávněn dodat Předměty koupě a vykonat Související činnosti v pracovních dnech v době od 8:30 do 17:00 hodin, nedohodnou-li se Strany jinak. Konkrétní pracovní dny budou určeny na základě dohody Stran. Nedohodnou-li se

Strany na konkrétních pracovních dnech, ve kterých má být plněno, je Prodávající povinen plnit v poslední den lhůty pro včasné splnění této Smlouvy a Kupující je povinen poskytnout Prodávajícímu za tímto účelem nezbytnou součinnost.

4. VLASTNICKÉ PRÁVO

Vlastnické právo k Předmětům koupě nabývá Kupující podpisem Předávacího protokolu (jak je tento pojem definován níže) oběma Stranami.

5. CENA A PLATEBNÍ PODMÍNKY

5.1 Celková kupní cena je uvedena v tabulce, která tvoří Přílohu 2 (*Cenová tabulka a technický popis Prodávajícího*) této Smlouvy (dále jen „**Kupní cena**").

5.2 Kupní cena je nepřekročitelná a zahrnuje veškeré náklady Prodávajícího spojené s plněním této Smlouvy. Kupní cena zahrnuje zejména veškeré náklady Prodávajícího na odevzdání Předmětů koupě a vykonání Souvisejících činností, náklady na autorská práva, licence, pojištění, daně, záruční servis a jakékoliv další náklady spojené s plněním této Smlouvy.

5.3 Kupní cena může být změněna pouze pokud:

a) v období od uzavření Smlouvy do podpisu Předávacího protokolu dojde ke změně sazeb DPH, nebo pokud

b) bude provedena v souladu se Zákonem o veřejných zakázkách.

5.4 Kupní cena bude Kupujícím uhrazena v české měně na základě faktury, a to bezhotovostní platbou na účet Prodávajícího uvedený na faktuře. Jsou-li Předměty koupě dodávány v několika dodávkách, jsou Prodávající a Kupující povinni podepsat Předávací protokol při každé jednotlivé dodávce. Prodávající je oprávněn vystavit fakturu až po podpisu Předávacího protokolu. Kopie Předávacího protokolu musí být přílohou faktury.

5.5 Kupující je povinen řádně vystavené faktury uhradit do 30 dnů ode dne jejich doručení. Faktura se považuje za uhrazenou dnem odepsání fakturované částky z účtu Kupujícího ve prospěch účtu Prodávajícího.

5.6 Faktura vystavená Prodávajícím musí obsahovat náležitosti vyžadované právními předpisy České republiky pro daňový doklad. Faktury vystavené Prodávajícím podle této Smlouvy budou obsahovat zejména tyto údaje:

a) firma (název) a sídlo Kupujícího,

b) daňové identifikační číslo Kupujícího,

c) firma (název) a sídlo Prodávajícího,

d) daňové identifikační číslo Prodávajícího,

e) evidenční číslo daňového dokladu,

f) rozsah a předmět plnění (včetně odkazu na tuto Smlouvu),

g) den vystavení daňového dokladu,

h) datum uskutečnění plnění,

i) Kupní cenu,

j) základ DPH,

k) sazbu DPH,

l) výši DPH v české měně,

m) evidenční číslo této Smlouvy, které Kupující sdělí na žádost Prodávajícímu před vystavením faktury,

n) prohlášení, že plnění je poskytováno pro účely projektu „ELI fáze 2", reg. číslo projektu CZ.02.1.01/0.0/0.0/15_008/0000162,

a dále musejí být v souladu s dohodami o zamezení dvojího zdanění, budou-li se tyto dohody na konkrétní případ vztahovat.

5.7 V případě, že faktura nebude mít výše uvedené náležitosti, je Kupující oprávněn ji vrátit ve lhůtě splatnosti zpět Prodávajícímu, aniž se tak dostane do prodlení. Lhůta splatnosti počíná běžet znovu od opětovného doručení náležitě doplněné či opravené faktury Kupujícímu.

5.8 Poslední faktura každého kalendářního roku musí být Prodávajícím doručena do podatelny Kupujícího nejpozději do 15. prosince daného kalendářního roku.

6. POVINNOSTI PRODÁVAJÍCÍHO

6.1 Prodávající je povinen zajistit, že Předměty koupě a Související činnosti budou v souladu s touto Smlouvou včetně všech jejích příloh a aplikovatelnými právními (např. bezpečnostními), technickými a kvalitativními normami.

6.2 Při plnění této Smlouvy postupuje Prodávající samostatně, nestanoví-li tato Smlouva jinak. Obdrží-li Prodávající od Kupujícího pokyny, je povinen se takovými pokyny řídit, pokud nejsou v rozporu s touto Smlouvou či obecně závaznými právními předpisy. Pokud Prodávající zjistí nebo při vynaložení odborné péče měl zjistit, že pokyny jsou z jakéhokoliv důvodu nevhodné nebo protiprávní nebo v rozporu s touto Smlouvou, je povinen Kupujícího upozornit.

6.3 Není-li v této Smlouvě stanoveno jinak, tak veškeré věci potřebné k plnění této Smlouvy je povinen opatřit Prodávající.

6.4 Prodávající bere na vědomí skutečnost, že Kupující nemá skladovací prostory pro uložení originálních obalů od Předmětu koupě a z tohoto důvodu není povinen tyto obaly skladovat. Absence originálních obalů nemůže být důvodem pro odmítnutí odstranit vady Předmětu koupě.

7. PŘEDÁNÍ PŘEDMĚTU KOUPĚ

7.1 Předání a převzetí Předmětů koupě se uskuteční na základě předávacího protokolu (dále jen „**Předávací protokol**").

7.2 Nepředloží-li Prodávající Kupujícímu všechny výše uvedené dokumenty nebo neprovede-li Prodávající řádně veškeré Související činnosti nebo neodpovídají-li zcela Předměty koupě této Smlouvě, je Kupující oprávněn odmítnout převzetí Předmětů koupě. V takovém případě je Prodávající povinen zjednat nápravu ve lhůtě tří (3) pracovních dnů, nedohodnou-li se Strany jinak. Kupující je oprávněn (nikoli povinen) převzít Předměty koupě podle svého uvážení i přes výše uvedené nedostatky, zejména nebrání-li tyto nedostatky řádnému užívání Předmětů koupě. V takovém případě uvedou Prodávající a Kupující v Předávacím protokolu nedostatky, včetně způsobu a termínu jejich odstranění (nápravy). Nedojde-li v Předávacím protokolu k dohodě mezi Stranami o termínu odstranění nedostatků, je Prodávající povinen tyto nedostatky odstranit do tří (3) pracovních dnů.

7.3 Strany vylučují použití ustanovení § 2126 Občanského zákoníku.

8. ZÁRUKA

8.1 Prodávající deklaruje záruku za jakost Předmětů koupě po dobu 3 měsíců. Pokud bude na záručním listu či jiném obdobném dokumentu uvedena záruční doba delší, platí tato delší záruční doba.

8.2 Záruční doba počíná běžet dne podpisu Předávacího protokolu oběma Stranami. Jsou-li v Předávacím protokolu uvedeny nedostatky, záruční doba počíná běžet dnem, který následuje po dni, ve kterém byl poslední nedostatek odstraněn.

8.3 Prodávající se zavazuje, že vady, které se vyskytnou v záruční době, bezplatně a ve lhůtě 2 měsíců odstraní.

8.4 Zjistí-li Kupující vadu Předmětů koupě v době trvání záruční doby, oznámí tuto skutečnost bez zbytečného odkladu Prodávajícímu. Vady lze oznámit nejpozději v poslední den záruční doby.

8.5 Kupující oznamuje vady písemně nebo prostřednictvím emailové zprávy. Prodávající bude přijímat oznámení vad na emailové adrese servis@mit-laser.cz.

8.6 Prodávající je povinen vadu odstranit ve lhůtách podle této Smlouvy, i když považuje oznámení o vadách za neoprávněné. V takovém případě je Prodávající oprávněn požadovat po Kupujícím úhradu nákladů na odstranění takové vady. Vznikne-li mezi Stranami spor o tom, zda je vada oprávněná či nikoliv, nechá Kupující zpracovat znalecký posudek, který posoudí, zda bylo oznámení vady oprávněné či nikoliv. V případě, že bude oznámení vad označeno znalcem za oprávněné, ponese Prodávající i náklady na vyhotovení znaleckého posudku. Prokáže-li se, že Kupující oznámil vadu neoprávněně, je Kupující povinen uhradit Prodávajícímu účelně a prokazatelně vynaložené náklady na odstranění vady.

8.7 O odstranění oznámené vady sepíší Strany protokol, ve kterém popíší vadu a potvrdí její odstranění. O dobu, která uplyne ode dne oznámení vady do dne odstranění vady, se prodlužuje záruční doba.

8.8 V případě, že Prodávající neodstraní vadu ve stanovené lhůtě nebo pokud Prodávající odmítne vadu odstranit, je Kupující oprávněn nechat vadu odstranit na své náklady a Prodávající je povinen uhradit Kupujícímu náklady na odstranění vady, a to do 10 dnů poté, co jej k tomu Kupující vyzve.

8.9 Strany vylučují použití ustanovení § 1925 Občanského zákoníku.

9. PROHLÁŠENÍ PRODÁVAJÍCÍHO

9.1 Prodávající prohlašuje a zaručuje Kupujícímu, že

a) disponuje veškerými odbornými předpoklady potřebnými pro řádné plnění této Smlouvy;

b) je k plnění této Smlouvy oprávněn; a

c) na straně Prodávajícího neexistují žádné překážky, které by mu bránily tuto Smlouvu řádně splnit.

9.2 Prodávající prohlašuje a zaručuje Kupujícímu, že je-li zaměstnavatelem zaměstnávajícím více než 50 % zaměstnanců na zřízených nebo vymezených chráněných pracovních místech (ve smyslu § 75 zákona č. 435/2004 Sb., o zaměstnanosti), kteří jsou osobami se zdravotním postižením, tak zajistí, aby plněním poskytnutým podle této Smlouvy Kupující plnil povinnost ve smyslu ustanovení § 81 odst. 2 písm. b) zákona č. 435/2004 Sb., o zaměstnanosti. Na vyžádání Kupujícího je povinen Prodávající Kupujícímu skutečnosti uvedené v předchozí větě prokázat.

10. SANKCE

10.1 V případě, že se Prodávající ocitne v prodlení s dodáním Předmětů koupě, tj. poruší povinnost poskytnout plnění podle této Smlouvy řádně a včas a takové prodlení bude trvat déle jak 4 týdny, uhradí Kupujícímu smluvní pokutu ve výši 0,05 % z Kupní ceny za každý započatý den prodlení s dodáním Předmětů koupě.

10.2 V případě prodlení Prodávajícího s odstraněním vady, uhradí Prodávající Kupujícímu smluvní pokutu ve výši 0,05% z Kupní ceny Předmětů koupě za každý i započatý den prodlení.

10.3 Smluvní pokuty je Prodávající povinen uhradit do patnácti (15) dnů ode dne, kdy mu Kupující oznámil, že nároky ze smluvních pokut uplatňuje. Uhrazením smluvní pokuty není dotčeno právo Kupujícího na náhradu případné škody, a to i v rozsahu, ve kterém tato škoda bude převyšovat smluvní pokutu.

10.4 Celková výše smluvních pokut podle této Smlouvy nepřesáhne 20 % Kupní ceny.

10.5 Kupující je oprávněn jednostranně započíst pohledávky ze smluvních pokut proti pohledávce Prodávajícího na zaplacení Kupní ceny.

10.6 Strany vylučují použití ustanovení § 2050 Občanského zákoníku.

11. ODSTOUPENÍ

11.1 Kupující je oprávněn od této Smlouvy odstoupit bez jakýchkoliv sankcí, nastane-li některá z níže uvedených skutečností:

a) výdaje nebo část výdajů, které na základě této Smlouvy vzniknou, poskytovatel dotace pro Projekt případně jiný kontrolní subjekt, označí za nezpůsobilé;

b) Prodávající se ocitne v prodlení s dodáním Předmětů koupě a takové prodlení bude trvat déle než 2 týdny;

c) Kupujícímu bude odňata finanční dotace k realizaci Projektu;

d) proti Prodávajícímu bude zahájeno insolvenční řízení; nebo

e) vyjde-li najevo, že Prodávající uvedl ve své nabídce pro Veřejnou zakázku informace nebo doklady, které neodpovídají skutečnosti a které měly nebo mohly mít vliv na výsledek výběrového řízení, které vedlo k uzavření této Smlouvy.

11.2 Prodávající je oprávněn od této Smlouvy odstoupit, poruší-li Kupující tuto Smlouvu podstatným způsobem.

12. ZVLÁŠTNÍ USTANOVENÍ

Prodávající bere na vědomí, že je osobou povinnou spolupůsobit při výkonu finanční kontroly ve smyslu § 2 písm. e) zákona č. 320/2001 Sb., o finanční kontrole ve veřejné správě a o změně některých zákonů a zavazuje se poskytnout řídícímu orgánu Operačního programu či jiným kontrolním orgánům přístup ke všem částem nabídek, smluv a dalších dokumentů, které souvisejí s právním vztahem založeným touto Smlouvou. Tato povinnost se vztahuje také na dokumenty, které podléhají ochraně podle zvláštních právních předpisů (obchodní tajemství, utajované skutečnosti apod.) za předpokladu, že ze strany kontrolního orgánu budou splněny požadavky kladené právními předpisy. Prodávající je povinen zajistit, aby kontrole ve výše uvedeném rozsahu byli povinni se podrobit i všichni jeho případní subdodavatelé. Možnost kontroly musí být zachována až do roku 2026.

13. MLČENLIVOST

Strany se zavazující zachovávat mlčenlivost o skutečnostech, které se dozvědí v souvislosti s touto Smlouvou a jejím plnění a jejichž vyzrazení by mohlo druhé Straně způsobit újmu. Tímto nejsou dotčeny povinnosti Kupujícího vyplývající z právních předpisů.

14. ZÁSTUPCI SMLUVNÍCH STRAN

14.1 Pro komunikaci s Kupujícím v souvislosti s plněním této Smlouvy ustanovil Prodávající následující zástupce:

Ve věcech technických:

Jméno: Thomas Meier

E-mail: meier@mit-laser.cz

Tel.: +420 777 708 931

Ve věcech smluvních:

Jméno: Martin Moser

E-mail: moser@mit-laser.cz

Tel.: +420 777 708 930

15. ZÁVĚREČNÁ USTANOVENÍ

15.1 Tato Smlouva se řídí právním řádem České republiky, zejména Občanským zákoníkem.

15.2 Veškeré spory vzniklé z této Smlouvy či z právních vztahů s ní souvisejících budou Strany řešit jednáním. V případě, že nebude možné spor urovnat jednáním ve lhůtě šedesáti (60) dnů, bude takový spor rozhodnut na návrh jedné ze Stran příslušným soudem v České republice.

15.3 Prodávající na sebe bere nebezpečí změny okolností ve smyslu ustanovení § 1765 Občanského zákoníku.

15.4 Prodávající bere na vědomí, že Kupující není ve vztahu k předmětu této Smlouvy podnikatelem, a ani se předmět této Smlouvy netýká podnikatelské činnosti Kupujícího.

15.5 Prodávající není oprávněn započíst jakoukoliv svou pohledávku, ani jakoukoliv pohledávku svého poddlužníka, za Kupujícím proti pohledávce Kupujícího za Prodávajícím. Prodávající není oprávněn postoupit pohledávku, která mu vznikne na základě této Smlouvy nebo v souvislosti s ní na třetí osobu. Prodávající není oprávněn postoupit práva a povinnosti z této Smlouvy ani z její části třetí osobě.

15.6 Veškeré změny či doplnění této Smlouvy lze učinit pouze písemně.

15.7 Ukáže-li se, že některé ustanovení této Smlouvy je nebo se stalo neplatným či neúčinným, zavazují se Strany změnit tuto Smlouvu tak, aby neplatné či neúčinné ustanovení bylo nahrazeno novým ustanovením, které je platné a účinné a přitom obsahově v maximální možné míře odpovídá původnímu neplatnému či neúčinnému ustanovení.

15.8 Poruší-li Strana povinnost podle této Smlouvy či může-li a má-li o takovém porušení vědět, oznámí to bez zbytečného odkladu druhé Straně a upozorní ji na možné následky porušení takové povinnosti.

15.9 Tato Smlouva se vyhotovuje ve čtyřech (4) stejnopisech, přičemž každá ze Stran obdrží po dvou stejnopisech.

15.10 Nedílnou součástí této Smlouvy je i Příloha 1 (*Technická specifikace*) a Příloha 2 (*Cenová tabulka a technický popis Prodávajícího*). Je-li v Příloze 1 (*Technická specifikace*) použit výraz „Contracting Authority", je tím myšlen Kupující a je-li použit výraz „Supplier/supplier", je tím myšlen Prodávající.

15.11 Tato smlouva nabývá platnosti a účinnosti dnem jejího podpisu oběma Stranami.

NA DŮKAZ ČEHOŽ připojují Strany vlastnoruční podpisy:

Kupující

Podpis: _____

Jméno: prof. Jan Řídký, DrSc.

Funkce: ředitel

Datum: - 5. 10. 2016

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Prodávající

Podpis: _____

Jméno: Martin Mosca

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Requirements Specification Document (RSD)

[RSD of product category A]

RA4 Small optics and Optomechanics

TP16_117

Keywords

N/A

	Position	**Name**
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Content

1. Introduction

1.1. Purpose

This Requirements Specification Document (RSD) lists the technical requirements and constraints on products applying in the RA4 research program at ELI Beamlines. This can lead to the identification of product interfaces with the ELI science based technology and ELI building facility. This RSD also acts as the parent document for the technical requirements that need to be addressed in lower level design description documents.

1.2. Scope

This RSD contains all of the technical requirements: functional, performance and design requirements, delivery, safety and quality requirements for the following products: *Optics, optomechanics, electromechanics* (*PBS: E.E1.OPP.OO.1.2*). These products are products Category A.

Category A is an Off-the-shelf Products without necessity of modifications and necessity to be subjected to a verification programme (review of design, inspection and testing) for ELI applications by the actual project specifications. All verification activities performing by a supplier shall be executed in accordance with the supplier's plan of outgoing inspection and tests. Internal Acceptance Procedure of the products Category A shall be established and applied before the product implementation (operation phase).

1.3. Terms, Definitions and Abbreviations

For the purpose of this document, the following abbreviated terms are applied:

Abbreviation	Meaning
AOI	Angle Of Incidence
AR	Anti-reflex (coating)
BBO	Barium Boron Oxide
CA	Contracting Authority
CWL	Central Wavelength
EFL	Effective Focal Length
ELI	Extreme Light Infrastructure
FWHM	Full width half maximum
GDD	Group Delay Dispersion
HR	High Reflectance
IR	Infrared
ND	Neutral Density
NIR	Near infrared (~750 – 1600 nm)
OAP	Off Axis Parabola
OD	Optical Density
R	Reflectance
RA4	Research activity 4

RFL	Reflected Focal Length
RMS	Root Mean Squared
RSD	Requirements Specification Document
s, p	s (perpendicular), p (parallel) polarization to the plane of incidence
SI	International System
TM	Transmission
TPI	Threads Per Inch
UV	Ultra Violet
UVFS	UV fused silica
VIS	Visible light (~400-750 nm)
λ	Lambda, wavelength, for surface flatness specification equal 633 nm

For the purpose of this document, the following definitions apply:

- An inch (abbrev. **in** or **"**) is a non-**SI** unit of length, which is equal to **25.4** mm.

2. General Functional, Performance and Design requirements

REQ-015905/A

The parameters of all supplied products shall correspond to the requirements given in the Annex I, Table 1.

3. Environmental requirements

REQ-015906/A

The Supplier and Contracting Authority shall agree on the cleaning method to clean devices without decreasing the devices' performance and to avoid contamination of clean space.

NOTE: The cleaning methods may use high temperatures (baking out), high gas flow (dry air) and specialised chemical cleaning liquids (alcohol, Isopropyl alcohol, demineralised water).

REQ-015907/A

All products shall fulfil criteria for cleanrooms up to class 7 of the ČSN EN ISO 14644 norm and maintain the required parameters in an environment stabilized to a set temperature within ±0.5 deg. C.

4. Delivery

REQ-015919/A

The transportation to the final destination shall be conducted by the supplier.

REQ-015908/A

All products shall be delivered in protective package preventing damage.

5. Safety Requirements

REQ-015909/A

The supplier shall supply a Declaration of Conformity for each product type if the appropriate legislation determines the supplier's obligation to have a Declaration of Conformity for the purposes of a Device sale in the Czech Republic.
In such a case the Declaration of Conformity shall comply with Act No. 22/1997 Coll., as amended.

6. Quality Requirements

6.1. General Quality Requirements

REQ-015910/A

The supplier shall provide the Product User Manual as part of the delivered Device. The Manual shall include the instructions and descriptions regarding the following procedures:

- description of transport;
- handling;
- storage;
- installation and calibration (if required, see REQ-015917/A);
- safe operation and maintenance procedures.

REQ-015912/A

Supplier shall provide information on executed of outgoing check of the products. At least this information shall comprise declaration of conformity with technical requirements defined by the product RSD and completeness of the product.

REQ-015917/A

The supplier shall supply Calibration Certificate which shall establish:

- the relation between quantity values with measurement uncertainties provided by measurement standards and the corresponding indications with associated measurement uncertainties;
- the relation for obtaining a measurement result from an indication (if required).

NOTE: This requirement is for items of category Measuring Equipment and Devices only (see also ISO/IEC GUIDE 99:2007, 2.39).

REQ-015913/A

The supplier shall establish and maintain a non-conformance control system compatible with CSN EN ISO 9001: 2010 edition 2.

6.2. Specific Quality Requirements

REQ-015920/A

The supplier shall guarantee that all products will be free from defects for a minimum period of 90 days after their acceptance.

7. Annex I

7.1. Technical specification (Table 1)

Item N°	Product name	Description
1	mirror 2" dielectric 45deg	mirror diameter 2", dielectric, AOI 45 deg, HR and low GDD: 720 - 880 nm, R >= 99% (s+p)/2, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm.
2	mirror 2" dielectric 0 deg	mirror diameter 2", dielectric, AOI 0 deg, HR and low GDD: 720 - 880 nm, R >= 99%, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm.
3	mirror 1" dielectric 45 deg	mirror diameter 1", dielectric, AOI 45 deg, HR and low GDD: 720 - 880 nm, R >= 99.7% (s+p)/2, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm, p-polarization.
4	mirror 1" dielectric 0 deg	mirror diameter 1", dielectric, AOI 0 deg, HR and low GDD: 720 - 880 nm, R >= 99.7%, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm.
5	mirror 2" gold	mirror diameter 2", protected gold coating, surface flatness λ/10, surface quality 40-20 scratch-dig, wedge angle < 5 arc min, laser damage threshold > 1 J/cm2 at 1064 nm, 50 Hz, 11 nsec.
6	mirror 1" siver + dielectric	mirror diameter 1", siver+dielectric, AOI 45 deg, HR and low GDD: 750 - 1000 nm, Rs >= 99 %, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm.
7	mirror 2" silver	mirror diameter 2", protected silver coating, surface flatness λ/10, surface quality 40-20 scratch-dig, wedge angle < 5 arc min, laser damage threshold > 1.8 J/cm2 at 1064 nm, 50 Hz, 11 nsec.
8	mirror 1" gold	mirror 1inch diameter, protected gold coating, substrate: fused silica, surface flatness: λ/10 @633 nm, surface quality: 40-20 scratch-dig, wedge angle < 5 arc min, damage threshold: 1 J/cm2 at 1064 nm, 50 Hz, 11 ns.
9	mirror 2" square, gold	mirror, square, 50.8 x 50.8 mm, protected gold coating, surface flatness λ/8, surface quality 40-20 scratch-dig, wedge angle < 3 arc min, damage threshold: > 2 J/cm2 at 1064 nm, 10 ns, 10 Hz.
10	mirror 2" UV enh. aluminum	mirror, square, 50.8 x 50.8 mm, UV enhanced Aluminum, R> 90 % for 250-450 nm, surface flatness λ/8, surface quality 40-20 scratch-dig, wedge angle < 3 arc min, damage threshold > 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
11	mirror 1" silver	mirror diameter 1 inch or 25.4 mm, protected silver coating, substrate: fused silica, wedge < 5 min, surface flatness: λ/10, surface quality 10-5 scratch-dig, low GDD: 600 - 1000 nm.
12	mirror 1" UV enh. aluminum	mirror, diameter 1 inch, UV enhanced Aluminum, R>90% for 250-450 nm, surface flatness λ/10, surface quality 40-20 scratch-dig, wedge angle < 3 arc min, damage threshold > 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.

Item N°	Product name	Description
13	concave focusing mirror 2" gold, f = 1000mm	mirror 2 inch diameter, protected gold coating, concave, effective focal length ~1000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.
14	concave focusing mirror 2" silver, f = 1000mm	mirror 2 inch diameter, protected silver coating, concave, effective focal length ~1000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8J/cm2 at 1064 nm, 10 ns.
15	concave focusing mirror 1" silver, f = 250mm	mirror 1" diameter, protected silver coating, concave, effective focal length ~250 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.
16	concave focusing mirror 1" silver, f = 400mm	mirror 1" diameter, protected silver coating, concave, effective focal length ~400 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.
17	concave focusing mirror 1" silver, f = 750mm	mirror 1" diameter, protected silver coating, concave, effective focal length ~750 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.
18	concave focusing mirror 1" silver, f = 1000mm	mirror 1" diameter, protected silver coating, concave, effective focal length ~1000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.
19	concave focusing mirror 1" silver, f = 1500mm	mirror 1" diameter, protected silver coating, concave, effective focal length ~1500 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8J/cm2 at 1064 nm, 10 ns.
20	concave focusing mirror 1" silver, f = 2000mm	mirror 1" diameter, protected silver coating, concave, effective focal length ~2000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.
21	concave focusing mirror 2" UV enhanced aluminium	mirror 2 inch diameter, protected UV enhanced aluminium coating, concave, effective focal length ~1000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8J/cm2 at 1064 nm, 10 ns.
22	concave focusing mirror 2" silver	mirror 2 inch or 50.8 mm diameter, protected silver coating, low GDD: 600-1000 nm, concave, focal length ~2000 mm (radius 4000 mm), surface flatness: λ/4, surface quality 10-5 scratch-digs.
23	convex mirror 1" silver, f = 1000mm	mirror 1 inch diameter, protected silver coating, convex, focal length 1000 mm (radius 2000 mm), surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
24	convex mirror 1" UV enhanced aluminium f = 1000mm	mirror 1 inch diameter, UV enhanced aluminum coating, convex, focal length 1000 mm (radius 2000 mm), surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
25	convex mirror 1" silver f = 750mm	mirror 1 inch diameter, protected silver coating, convex, focal length 750 mm (radius 1500 mm), surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.

Item N°	Product name	Description
26	convex mirror 1" UV enhanced aluminium, f = 750mm	mirror 1 inch diameter, UV enhanced aluminum coating, convex, focal length 750 mm (radius 1500 mm), surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
27	convex mirror 1" silver, f = 500mm	mirror 1 inch diameter, protected silver coating, convex, focal length 500 mm (radius 1000 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
28	convex mirror 1" silver, f =400mm	mirror 1 inch diameter, protected silver coating, convex, focal length 400 mm (radius 800 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800nm, 94 fs.
29	convex mirror 1" silver, f =300mm	mirror 1 inch diameter, protected silver coating, convex, focal length 300 mm (radius 600 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
30	convex mirror 1" silver, f =200mm	mirror 1 inch diameter, protected silver coating, convex, focal length 200 mm (radius 400 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
31	convex mirror 1" silver, f =150mm	mirror 1 inch diameter, protected silver coating, convex, focal length 150 mm (radius 300 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
32	convex mirror 1" silver, f =100mm	mirror 1 inch diameter, protected silver coating, convex, focal length 100 mm (radius 200 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
33	focusing mirror 3" gold, f = 500mm	mirror, diameter 75 mm, protected gold coating, concave, f= 500 mm, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold > 2J/cm2 at 1064 nm, 10 ns, 10 Hz.
34	focusing mirror 3" UV enh. Aluminum, f =500mm	mirror, diameter 75 mm, UV enhanced aluminum, concave, f=500 mm, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold > 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
35	focusing mirror 2" UV enh. Aluminum, f = 200mm	mirror 2 inch diameter, UV enhanc. Al, concave f=200 mm, surface flatness: λ/4, surface quality: 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns.
36	focusing mirror 1" Protected Silver, EFL = 500mm	mirror 1 inch, Protected silver coating, concave f=500 mm, surface flatness: λ/4, surface quality: 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns.
37	focusing mirror 1" UV enh. Aluminum, f =100mm	mirror 1 inch, UV enhanc. Al, concave f=100 mm, surface flatness: λ/4, surface quality: 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns.
38	OAP 1" UV enh. Aluminum, 2" RFL	off-axis parabolic mirror, 1 inch diameter, UV enhanced Al, reflected focal length 2", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.

Item N°	Product name	Description
39	OAP 1" UV enh. Aluminum, 6" EFL	off-axis parabolic mirror, 1 inch diameter, UV enhanced Al, reflected focal length 6", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
40	OAP 2" silver, 15" EFL, 15 deg incidence	off-axis parabolic mirror, 2 inch diameter, silver, reflected focal length 15", off-axis angle 15 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
41	OAP 2" with hole paralel with focus, protected gold, 6" RFL	off-axis parabolic mirror with hole paralel with focused beam (3 mm aperture of the hole at the polished surface, 6 mm at back), 2 inch diameter, protected gold, reflected focal length 6", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
42	OAP 3" with hole paralel with focus, protected gold, 6" RFL	off-axis parabolic mirror with hole paralel with focused beam (3 mm aperture of the hole at the polished surface, 6 mm at back), 3inch diameter, protected gold, reflected focal length 6", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
43	OAP 3" with hole paralel with focus, protected gold, 9" RFL	off-axis parabolic mirror with hole paralel with focused beam (3 mm aperture of the hole at the polished surface, 6 mm at back), 3 inch diameter, protected gold, reflected focal length 9", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
44	OAP 2" with hole paralel with focus, protected gold, 4" RFL	off-axis parabolic mirror with hole paralel with focused beam (3 mm aperture of the hole at the polished surface, 6 mm at back), 2 inch diameter, protected gold, reflected focal length 4", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
45	Variable attenuator (waveplate + polarizer)	Variable attenuator (waveplate + polarizer), 750 - 850 nm, transmission contrast mode, attenuation 0.2 - 70 %, clear aperture 15 mm, damage threshold > 100 mJ/cm2 at 800 nm, 100 fs, 1 kHz.
46	broadband waveplate lambda/2, near IR, for ultrashort pulses	achromatic waveplate λ/2, 600 - 950 nm, free aperture >= 21 mm, GDD < 150fs^2, throughput > 98 %, wavefront distortion < λ/10, surface 10-5 scratch-dig.
47	broadband waveplate lambda/2, UV	achromatic waveplate λ/2, mounted, clear aperture 10 mm, 260 - 410 nm, surface quality: 20-10 scratch-dig, damage threshold > 5 J/cm2 at 10 ns, 10 Hz.
48	broadband waveplate lambda/2, VIS	achromatic waveplate λ/2, mounted, 1 inch, clear aperture 22.6 mm, 400 - 800 nm, surface quality: 20-10 scratch-dig, damage threshold > 5 J/cm2 at 10 ns, 10 Hz.
49	broadband waveplate lambda/2, ner IR	achromatic waveplate λ/2, mounted, 1 inch, clear aperture 22.6 mm, 690 - 1200 nm, surface quality: 20-10 scratch-dig, damage threshold > 5 J/cm2 at 10 ns, 10 Hz.
50	broadband polarizer for fs pulses	broadband thin film polarizer 600 - 900 nm, extinction ratio < 2x10^-2, GDD < 150 fs^2, free aperture 19 mm, mount outer diameter 25 mm.

Item N°	Product name	Description
51	Holographic Wire Grid Polarizer, Ø25 mm, Mounted	KRS-5 Holographic Wire Grid Polarizer, Ø25 mm, Mounted, extinction better than 1:100, transmission 3 - 30 µm > 70 %.
52	Glan-Taylor Calcite Polarizers, Uncoated, 10 mm	Glan-Taylor Design (Air-Spaced Birefringent Crystal Prisms), 10 mm, uncoated, Wavefront Distortion ≤ λ/4 Over Clear Aperture (Excluding Side Ports), extinction 1: 100 000, 20-10 Scratch-Dig Surface Quality on Input and Exit Faces (80-50 on Side Ports).
53	Wollaston Prism, 20° Beam Separation, 190 - 3500 nm Uncoated α-BBO	Wollaston Prism, 20° Beam Separation, 190 - 3500 nm Uncoated α-BBO, Separates Unpolarized Light into Two Orthogonally Polarized Outputs with a 20° Separation Angle.
54	Glan-Taylor Calcite Polarizers, Uncoated, 15 mm	Glan-Taylor Design (Air-Spaced Birefringent Crystal Prisms), 15 mm, uncoated, Wavefront Distortion ≤ λ/4 Over Clear Aperture (Excluding Side Ports), extinction 1: 100 000, 20-10 Scratch-Dig Surface Quality on Input and Exit Faces (80-50 on Side Ports).
55	Microretarder Depolarizer Array	Microretarder Depolarizer Array, patterned retarder designed to convert a linearly polarized beam of light into a pseudo-randomly polarized beam, AR coating 350 - 700 nm, 20-10 Scratch-Dig Surface Quality on Input and Exit Faces (80-50 on Side Ports).
56	broadband wire grid polarizer	ultrabroadband wire grid polarizer, operating range: 250 nm - 4 um, extinction: 250 nm - 4 µm: >10:1, 300 nm - 4 µm: >100:1, 600 nm - 4 µm: >1000:1, Clear Aperture: Ø19 mm, Thickness: 3.5 ± 0.1 mm , mount outer diameter 25 mm.
57	window 1" fused silica	window 1 inch diameter, 1 mm thick, fused silica, AR coated 650 - 1050 nm, surface quality 20-10 scratch-dig, surface flatness: λ/4, parallelism < 1 arc min, damage threshold 7.5 J/cm2 at 810 nm, 10 ns.
58	window 1" fused silica	window 1 inch diameter, 1 mm thick, fused silica, uncoated, surface quality 20-10 scratch-dig, surface flatness: λ/4, parallelism < 1 arc min.
59	window 1" fused silica	window 1 inch diameter, 1 mm thick, fused silica, AR coated 350 - 700 nm, surface quality 20-10 scratch-dig, surface flatness: λ/4, parallelism < 1 arc min, damage threshold 7.5 J/cm2 at 532 nm, 10 ns.
60	window 1" fused silica	window 1inch diameter, 1mm thick, fused silica, AR coated 1050 - 1700 nm, surface quality 20-10 scratch-dig, surface flatness: λ/4, parallelism < 1 arc min, damage threshold 7.5 J/cm2 at 1542 nm, 10 ns.
61	window 1" MgF2	MgF2 window Ø1 inch, 5 mm thick, uncoated, Surface Flatness (@ 633 nm) λ/8, Clear Aperture > 90 % Diameter.
62	window 1" CaF2, 5 mm	CaF2 window Ø1 inch, 5 mm thick, uncoated, Surface Flatness (@ 633 nm) λ/8, Clear Aperture > 90 % Diameter.
63	window 1" CaF2, 2 mm	CaF2 window Ø1 inch, 2 mm thick, uncoated, Surface Flatness (@ 633 nm) λ/8, Clear Aperture > 90 % Diameter.
64	window 1"sapphire	sapphire window Ø1 inch, 5 mm thick, uncoated, Surface Flatness (@ 633 nm) λ/8, Clear Aperture > 90 % Diameter.

Item N°	Product name	Description
65	window 1" germanium, uncoated	Germanium Broadband Precision Window, uncoated, Ø1 inch, 5 mm thick, Surface Flatness (@ 633 nm) λ, Clear Aperture > 90 % Diameter.
66	window 1" germanium, 7 - 12 µm coated	Germanium Broadband Precision Window, AR Coated: 7 - 12 µm, Ø1 inch, 5mm thick, Surface Flatness (@ 633 nm) λ, Clear Aperture > 90 % Diameter.
67	window 1" germanium, 1.9 - 6 µm coated	Germanium Broadband Precision Window, AR Coated: 1,9 - 6 µm, Ø1 inch, 5 mm thick, Surface Flatness (@ 633 nm) λ, Clear Aperture > 90 % Diameter.
68	lens 2" f=500mm	lens Ø2 inch, plano-convex, fused silica, focal length ~500 mm, uncoated.
69	lens 2" f=750mm	lens Ø2 inch, plano-convex, fused silica, focal length ~750 mm, uncoated.
70	lens 2" f=1000mm	lens Ø2 inch, plano-convex, fused silica, focal length ~1000 mm, uncoated.
71	lens 1" f=75mm	lens Ø1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin (central thickness < 3 mm), focal length 75 mm.
72	lens 1" f=100mm, extended VIS coated	lens Ø1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin (central thickness < 3 mm), focal length 100 mm .
73	lens 1" f=200mm	lens Ø1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin (central thickness < 3 mm), focal length 200 mm.
74	lens 1" f=300mm	lens 1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin, focal length 300 mm.
75	lens 1" f=500mm	lens Ø1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin (central thickness < 3 mm), focal length 500 mm.
76	lens 1" f=50mm	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 50 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
77	lens 1" f=75mm	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 75 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
78	lens 1" f=100mm, uncoated	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 100 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
79	lens 1" f=200mm	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 200 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
80	lens 1" f=250mm	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 250 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
81	lens 1" f=300mm	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 300 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.

Item N°	Product name	Description
82	lens 1" f=500mm	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 500 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
83	lens 1" f=50mm	lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 50 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
84	lens 1" f=75mm	lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 75 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
85	lens 1" f=100mm	lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 100 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
86	lens 1" f=200mm	lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 200 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
87	lens 1" f=250mm	lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 250 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
88	lens 1" f=300mm	lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 300 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
89	OAP1" UV enhanced Aluminium f=4"	Off-axis parabolic mirror 90 deg, 1inch diameter, UV-Enhanced Aluminum coating, effective focal length 4", Surface Roughness: <100 Å (RMS), Clear Aperture: > 90 % of Diameter.
90	OAP1" gold f=2"	Off-axis parabolic mirror 90 deg, 1 inch diameter,Protected Gold coating, effective focal length 2", Surface Roughness: < 100 Å (RMS), Clear Aperture: > 90 % of Diameter.
91	OAP1" gold f=4"	Off-axis parabolic mirror 90 deg, 1 inch diameter, Protected Gold coating, effective focal length 4", Surface Roughness: < 100 Å (RMS), Clear Aperture: > 90 % of Diameter.
92	OAP1" gold f=6"	Off-axis parabolic mirror 90 deg, 1 inch diameter,Protected Gold coating, effective focal length 6", Surface Roughness: < 100 Å (RMS), Clear Aperture: > 90 % of Diameter.
93	OAP1"gold f~200mm	Off-axis parabolic mirror 90 deg, 1inch diameter, Protected Gold coating, effective focal length 200 mm, Surface Roughness: < 175 Å (RMS), Surface Figure, RMS ¼λ, Clear Aperture: > 90 % of Diameter.
94	beamsplitter 2" 50:50	beamsplitter Ø2 inch, split ratio 50:50, fused silica, coating 350 - 1100 nm, thickness 8 mm, Damage Threshold > 10 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.130 mm), Splitter Ratio Tolerance ± 12 % Over Entire Wavelength Range.
95	beamsplitter 1" 50:50 mid-IR	beamsplitter Ø1 inch, matrial: Calcium Fluoride, for range 2 - 8 µm, 50:50 split ratio (+-10%), thickness 5 mm, for S/P-Polarized Light Incident at 45°, Surface Flatness < 3λ Over Clear Aperture (Ø22.86 mm).

Item N°	Product name	Description
96	beamsplitter 1" 50:50 Ti:sapphire optimized	beamsplitter Ø1 inch, low GDD, for range 600 - 1500 nm optimized for Ti:Sapphire and Yb Lasers, 50:50 split ratio, thickness 1.5 mm, for P-Polarized Light Incident at 45°, Surface Flatness < 3λ Over Clear Aperture (80 % of diameter).
97	beamsplitter 2" 90:10	beamsplitter Ø2 inch, split ratio 90:10 R:T, fused silica, coating 700 - 1100 nm, thickness 8 mm, Damage Threshold > 10 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.130 mm), Splitter Ratio Tolerance ±12 % Over Entire Wavelength Range.
98	beamsplitter 1" 90:10	beamsplitter Ø1 inch, split ratio 90:10 R:T, fused silica, coating 700 - 1100 nm, thickness 5 mm, Damage Threshold > 10 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.130 mm), Splitter Ratio Tolerance ±12 % Over Entire Wavelength Range.
99	beamsplitter 1" 70:30	beamsplitter Ø1 inch, split ratio 70:30 R:T, fused silica, coating 700 - 1100 nm, thickness 5 mm, Damage Threshold > 10 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.130 mm), Splitter Ratio Tolerance ±12 % Over Entire Wavelength Range.
100	wedge Ø1 inch, uncoated, 4 deg Beam Deviation	round wedge prism, Ø1 inch, uncoated, 4 deg Beam Deviation, Material N-BK7, Surface Flatness λ/10 at 633 nm, uncoated.
101	beam sampler VIS, 0,5 % sample	beam sampler - wedge, Ø1 inch, 350-700 coated (refletance 0,5-1 % in this range), 5 mm Thick, damage treshold 7.5 J/cm2 (532 nm, 10 ns, 10 Hz, Ø0.491 mm), Surface Flatness λ/8 @ 633 nm Over the Clear Apertur.
102	beam sampler near-IR, 0,5 % sample	beam sampler - wedge, Ø1 inch, 650-1050 coated (refletance 0,4-0,7 % in this range), 5 mm Thick, damage treshold 7.5 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.491 mm), Surface Flatness λ/8 @ 633 nm Over the Clear Apertur.
103	variable circuler continuous ND filter 100 mm max OD 4	Circular, Continuously Variable, Reflective Neutral Density Filter for atenuation via rotation, diameter 100 mm, Optical density range 0-4, Optical Density Tolerance ±5 % (At Both Extremes) , mounted (on rotation axis attatched to 1/2 inch post), Spectral Range 240 - 1200 nm (uncoated).
104	variable circuler continuous ND filter 100 mm max OD 2	Circular, Continuously Variable, Reflective Neutral Density Filter for atenuation via rotation, diameter 100 mm, Optical density range 0-2, Optical Density Tolerance ±5 % (At Both Extremes) , mounted (on rotation axis attatched to 1/2 inch post), Spectral Range 240 - 1200 nm (uncoated).
105	variable circuler continuous ND filter 50 mm max OD 2	Circular, Continuously Variable, Reflective Neutral Density Filter for atenuation via rotation, diameter 50 mm, Optical density range 0-4, Optical Density Tolerance ±5 % (At Both Extremes) , mounted (on rotation axis attatched to 1/2 inch post), Spectral Range 240 - 1200 nm (uncoated).
106	Continuously Variable ND Filter, 25 mm x 100 mm, OD: 0.04 - 2.0	Continuously Variable ND Filter, 25 x 100 mm, linear distribution OD: 0.04 - 2.0, Optical Density Tolerance ±5 % (At Both Extremes) , Spectral Range 240 - 1200 nm (uncoated).
107	reflective ND filter OD=1	Ø1 inch unmounted UV Fused Silica Reflective ND Filters Optical density = 1, Substrate Material UV-Fused Silica, Spectral Range 200 - 1200 nm, Thickness 1 mm, Surface Accuracy @ 633 nm < 5 λ.

Item N°	Product name	Description
108	lens achromatic f=60mm	unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5 % reflectance), f=60 mm, focal length shift in 650-1050 nm range < 0.3 mm.
109	lens achromatic f=500mm	unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5 % reflectance), f=500 mm, focal length shift in 650-1050 nm range < 0.3 mm.
110	lens achromatic f=200mm	unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 486.1 nm, 587.6 nm, and 656.3 nm, AR coating for 400-700 nm (les than 0.5% reflectance), f=500 mm, focal length shift in 450-700 nm range < 0.3 mm.
111	compresor grating 1200 g/mm	compresor grating golden 1200 groves/mm, diameter 50x50x10, NIR (800 nm optimized), Expected efficiency (TM/-1) @ Dev 8 deg > 90 %.
112	Ruled Reflective Grating, 400nm blaze, 1200g/mm	Ruled Reflective Grating, 400 nm blaze, 1200 g/mm, 25 x 25 x 6 mm (+- 1 mm), efficiency at 400 nm > 65 %.
113	UV Reflective Holographic Grating, 1800g/mm	UV Reflective Holographic Grating, 1800/mm, 25 x 25 x 6 mm (+- 1 mm), efficiency at 260-295 nm > 60 %.
114	2700 g/mm plane ruled reflection grating with 20° nominal blaze angle, optimized for 259 nm	2700 g/mm plane ruled reflection grating with 20° nominal blaze angle, optimized for 259 nm, groove length: 102 mm ruled width: 34 mm, efficiendy at 259 nm >80 %.
115	Visible interference Bandpass Filter Kit (10 nm FWHM), Mounted, Set of 10	Visible Bandpass Filter Kit (10 nm FWHM), Mounted,Ø1", Minimum Clear Aperture Ø21 mm, Thickness < 6.3 mm, minimal transmission at center 35 %, Out of Band Transmission <0.01% from 200 nm to 3.0 µm, Set of 10: 350 nm, 400 nm, 450 nm, 500 nm, 550 nm, 600 nm, 650 nm, 700 nm, 750 nm, 800 nm.
116	Ø25 mm Colored Glass Filter Kit, Set of 10	Ø25 mm Colored Glass Filter Kit, Set of 10: 400 nm Longpass, 495 nm Longpass, 550 nm Longpass, 610 nm Longpass, 715 nm Longpass, 780 nm Longpass, 850 nm Longpass, 315 - 710 nm Bandpass, 335 - 610 nm Bandpass, 325 - 385 nm Bandpass.
117	Ø25 mm Colored Glass Filter Kit, Set of 10	Ø25 mm Colored Glass Filter Kit, Set of 10: 400 nm Longpass, 495 nm Longpass, 550 nm Longpass, 610 nm Longpass, 715 nm Longpass, 780 nm Longpass, 850 nm Longpass, 315 - 710 nm Bandpass, 335 - 610 nm Bandpass, 325 - 385 nm Bandpass.
118	Ø25 mm reflective ND filter kit, set of 10	Ø25 mm reflective ND filter kit, Box with 10 UVFS (substrate transmission 200- 1100 nm) Reflective Ø25 mm mounted ND Filters, inclooded OD: 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 1.0, 2.0, 3.0, 4.0.
119	Ø1" Bandpass Filter, CWL = 350 ± 2 nm, FWHM = 10 ± 2 nm	Ø1" Bandpass Filter, CWL = 350 ± 2 nm, FWHM = 10 ± 2 nm, min Transmission 25 %, blocking 200-3000 nm OD > 4.
120	Ø25 mm interference notch filter, center 808 nm	Ø25 mm interference notch filter, dimension 25 x 3,5 mm, center 808 nm, out of the notch transmission > 90 % for 400 -1550 nm, at 808 nm (notch) OD > 5, Typical Notch Bandwidth = 41 nm.

Item N°	Product name	Description
121	Ø25 mm interference 266 nm laser clean-up filter	Ø25 mm interference 266 nm laser clean-up filter, dimension 25 x 3,5 mm, FWHM of 2.4 nm (maximum), transmmission at 266 > 50 %.
122	Ø25 mm interference 266 nm locking edge long-pass filter	Ø25 mm interference 266 nm locking edge long-pass filter, OD > 2 below 270 nm, OD > 3 below 267 nm, transmission above 275 nm > 90 %.
123	Kinematic Mount with Vertical Drive, Ø25.4 mm	Kinematic Mount with Vertical Drive (all of the adjusters outside of the optical path), for hosting optic Ø25.4 mm, min 3 mm thkness, Total Angular Range of ±3°, 0.25° per Revolution Adjustment.
124	1" Low Drift Kinematic Mirror mount	Low Drift Mirror Mount, 3 Adjusters for hosting Ø 1 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven , Less than 2 µrad Deviation after Temperature Cycling.
125	2" Low Drift Kinematic Mirror mount	Low Drift Mirror Mount, 3 Adjusters for hosting Ø 2 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven , Less than 2 µrad Deviation after Temperature Cycling.
126	Low-Profile Compact Kinematic Mirror Mount	Low-Profile Compact Kinematic Mirror Mount (max overall volume: 25.4 x 28.7 x 20.1 mm) for hosting Ø 1 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven.
127	High-Precision Rotation Mount with Polarizing Prism Mount, Metric	Ø1" High-Precision Rotation Mount with Polarizing Prism Mount, Metric, for 8 mm and 10 mm Polarizing Prisms, 360° Continuous Coarse Rotation, ±7° of Micrometer-Driven Fine Rotation, Vernier Scale with Two Resolution Options, 5 arcmin resolution.
128	Lens Tube Mount for 15 mm Mounted Polarizing Prisms	Ø1" Lens Tube Mount for 15 mm Mounted Polarizing Prisms.
129	Lens Tube Mount for 8 or 10 mm Mounted Polarizing Prisms	Ø1" Lens Tube Mount for 8 mm and 10 mm Mounted Polarizing Prisms.
130	Mount for rectangular optics	Kinematic Mount (+-4% adjustable tip/tilt) for hosting 2" (50.8 mm) Tall Rectangular Optics of thickness 3 -10 mm.
131	3" Precision Kinematic Mirror mount	Precision Mirror Mount, 2 Adjusters for hosting Ø3 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven, Angular Adjustment ±4º , 5.0 mrad/rev resolution.
132	4" Precision Kinematic Mirror mount	Precision Mirror Mount, 2 Adjusters for hosting Ø4 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven, Angular Adjustment ±4º .
133	25 mm XYZ Translation Stage	25 mm XYZ Translation Stage with Standard Micrometers, M6 Taps, Resolution: 500 µm Translation per Revolution.

Item N°	Product name	Description
134	1" lens optics mount for quick release	Optics Mount 1" with Quick Release Mounting Carriage - magnetic coupling (mount has a post mountated back plate to which a removable mounting carriage for hosting Ø1 inch optics (suhc as lense) can be magnetically coupled), Max Optic Thickness 0.35" (8.9 mm), Repeatability 1 µm.
135	magnetic base, top plate	top plate for kinematic base, 25 x 25 mm, M4 counterbore.
136	spanner wrench for 1" retaining rings	Spanner Wrenche for installing and adjusting retaining rings for Ø1" Lens Tubes and Mounts.
137	Right-Angle Clamp for Ø1/2" Posts	Right-Angle Clamp for Ø1/2" Posts, 5 mm Hex (lockable clamp for mounting two posts together perpendicularly).
138	Single Axis Translation Stage, 50 mm	Translation Stages should provide 2" (50.8 mm) travel on axis and feature a mounting surface of minimal diameter: 3.75 x 3.75" (95 x 95 mm) with 1/4"-20 (M6) tapped mounting holes, Angular Deviation <2 mrad, Coarse Thread Pitch 18 TPI, Fine Adjustment Thread Pitch 100 TPI.
139	adjustable mirror delay line mount kit	Adjustable Mirror Mount Kit for Optical Delay Line (two orthogonal surfaces for mounting pair of standard mirrors (up to 2") into a roof structure, allowing an input optical beam to be reflected back, parallel to itself,wiht maximal deviation 30 arc sec.), mounteble directly via a centralized hole counterbored for (M6) cap head.
140	5-Axis Kinematic Mount Ø1" optics	5-Axis Kinematic Mount Ø1" optics, Five Axes of Lockable Adjustment: Pitch/Yaw: ±4° at 8 mrad/rev, X and Y translation: ±0.04" (±1.0 mm) at 254.0 µm/rev, Z translation: ±0.13" (±3.2 mm), SM1-Threaded (1.035"-40) Bore for Ø1" (25.4 mm) Optics up to 0.38" (9.5 mm) Thick, Two #8 (M4) Counterbores for Post Mounting.
141	spectrometer 200-1080 nm	spectrometer, spectral range 200-1080 nm, integration time 1 ms - 65 s, spectral resolution <= 1.5 nm, fiber optic input, USB interface.
142	Plano-Concave Cylindrical Lens f=-50	Plano-Concave Cylindrical Lens , f=-50 mm, H=30 mm, L=32 mm, N-BK7 AR Coating: 650-1050 nm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Concave Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
143	Plano-Convex Cylindrical Lens f=100	Plano-Convex Cylindrical Lens, f = 100.00 mm, H = 30.00 mm, L = 32.0 mm, N-BK7 AR Coating: 650-1050 nm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
144	lens achromatic f=100mm	unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5% reflectance), f=100 mm, focal length shift in 650-1050 nm range < 0.3 mm.
145	lens achromatic f=200mm	unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5 % reflectance), f=200 mm, focal length shift in 650-1050 nm range < 0.3 mm.
146	SM1-Mounted Achromatic Half-Wave Plate	Ø1" Zero-Order Half-Wave Plate, 808 nm, Beam Deviation <10 arcsec, Surface Quality 20-10 SD, SM1-Threaded Mount.
147	Off-Axis Parabolic Mirror, Protected Silver f=4"	Off-axis parabolic mirror, 2 inch diameter, Protected Silver, reflected focal length 4", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.

Item N°	Product name	Description
148	Off-Axis Parabolic Mirror, Protected Silver f=6"	Off-axis parabolic mirror, 2 inch diameter, Protected Silver, reflected focal length 6", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
149	pyroeletric detector	Pyroelectric sensors for the application in the range from 10 µm to 3000 µm (frequency 0.1 - 30 THz); Effective aperture: min. 5 mm diameter, Max. measurable power 140 µW.
150	lens achromatic f=75mm	unmounted achromatic dublets (lense), Ø50.8 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5 % reflectance), f=75 mm, focal length shift in 650-1050 nm range < 0.3 mm.
151	Plano-Concave Cylindrical Lens f=150	Plano-Concave Cylindrical Lens , f=150 mm, H=100 mm, L=90 mm, N-BK7 AR Coating: 650-1050 nm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Concave Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
152	Plano-Concave Cylindrical Lens f=300	Plano-Concave Cylindrical Lens , f=300 mm, H=60 mm, L=62 mm, N-BK7 AR Coating: 650-1050 nm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Concave Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
153	kinematic prism mount	Kinematic Prism Mount, For mounting of prism min. 20 x 20 x 10 mm, ±4° of Fine Tip and Tilt Control, 8 mrad Adjustment per Revolution, Mounting Platform with M4 tapped holes.
154	arm for prism mount	Clamping Arm, M4 Threaded Post, Accommodates optics up to 40.9 mm, 29.3 mm center-to-center distance between the post and the nylon-tipped setscrew.
155	kinematic grating mount	Compatible with Ø1" Mirror Mounts, Kinematic Grating Mount Adapter, Grating Height: 20-40 mm Accommodates Gratings up to 60 mm Tall Spring-Loaded Clamping Design Top-Located Locking Setscrew.
156	1" Low Drift Kinematic Mirror mount	Low Drift Mirror Mount, 3 Adjusters for hosting Ø 1 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven , Less than 2 µrad Deviation after Temperature Cycling.
157	Fixed Cylindrical Lens Mount	Fixed Cylindrical Lens Mount, Two rubber-lined arms mount for a cylindrical lens for the optic height range of 0 mm to 66.0 mm.
158	Kinematic Rotation Mount for Ø1" Optics	Kinematic rotation mount with kinematic angular adjustment and rotation in one mount, 1/4"-80 lockable adjusters for ±4° of angular adjustment, engraved rotation scale with 2° graduations, 360° rotation, SM1-Threaded Rotation Ring with Locking Screw.
159	2" Precision Kinematic Mirror mount	Precision Mirror Mount, 2 Adjusters for hosting Ø2 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven, Angular Adjustment ±4º.
160	Lens Mount with Retaining Ring	Fixed lens mount for 2" optics, M4 tapped, Includes Compatible Retaining Ring.

Item N°	Product name	Description
161	Wollaston Prism	1" Wollaston Prism, 20° at 633 nm Beam Separation, 650-1050 nm AR Coating, diameter 22,6 mm, Transmitted Wavefront Error <λ/4 at 632.8 nm, Surface Quality 20-10 SD.
162	1" Zero-Order Quarter-Wave Plate	Ø1" Zero-Order Quarter-Wave Plate, 808 nm, Beam Deviation <10 arcsec, Surface Quality 20-10 SD, SM1-Threaded Mount.
163	preamplified Si-Photodiode	Switchable Gain Detector, 350-1100 nm, Peak Response 0.65 A/W @ 970 nm, Bandwidth Range DC - 10 MHz, Active Area 13 mm2, Gain 8 x 10 dB Steps, 230 VAC.
164	Large-Area Balanced Amplified Photodetectors	Large-Area Balanced Photodetector (pair of sensors acts as a balanced receiver by subtracting the two optical input signals from each other), Si, 320-1060 nm, M4 Taps, Common Mode Rejection Ratio ≥ 30 dB, responsivity 0.6 A/W @ 920 nm, active detector diameter 5 mm, included ±12 V DC power supply for 230/115 V AC.
165	2" silver mirror	Ø2" (Ø50.8 mm) Protected Silver Mirror, 0.47" (12.0 mm) Thick with Average Reflectance > 97.5 % for 450 nm - 2 µm, Surface Flatness λ/10 @ 633 nm, Parallelism <3 arcmin, Damage Threshold 3 J/cm2 @ 1064 nm, 10 ns, 10 Hz, Ø1.000 mm, Surface Quality 40-20 Scratch-Dig.
166	Iris 0-25mm	Mounted Zero Aperture Iris, 25.0 mm Max Aperture, Metric , 75 mm post.
167	Mount for quarter plate	Continuous Rotation Mount for Ø1" Optics with Adjustable Zero, Rotational Position Lockable via Setscrew, M4 tapped hole, Internal SM1 thread.
168	1.00" lens tube for prism	Ø1" Stackable Lens Tube, SM1 External Thread, SM1 internal thread, 1.00" Internal Thread Depth, One Retaining Ring Included, 1.15 in (29.2 mm) length.
169	Cage-Cube-Mounted Polarizing Beamsplitter Cube	Cage-Cube-Mounted Polarizing Beamsplitter Cube, 620-1000 nm, Transmitted Extinction Ratio: Tp:Ts > 1,000:1 Transmission Efficiency: Tp > 90 % Reflection Efficiency: Rs > 99.5 % Four SM1-Threaded Ports 4-40 Tapped Holes for 30 mm Cage.
170	1" periscope	complete periscope assembly to redirect and change the height of a beam within an optical system for Ø1" (Ø25.4 mm) optics, 360° continuous rotation with ±4° tip and tilt, 150 mm pilar post.
171	Free-Space Optical Delay Line Kit, 100 mm Travel, Metric	Free-Space Optical Delay Line Kit, Maximum Optical Delay, Delay Steps as Short as 3.3 fs over a 666.6 ps Range with Pre-Aligned V-Block with Kinematic Adjusters and Iris Slots, 100 mm travel range translation stage, two irises, periscope assembly for Input Beam Height 61.0 mm - 152.4 mm.
172	UltraLight High-Stiffness Breadboard	Optical Breadboard 900 x 900 x 25 mm, M6 Taps Max. weight 37 kg, Flatness ±0.15 mm (±0.006") Over Any 0.3 m2, Threads and Spacing: M6 Tapped Holes on 25 mm Centers.

Table 1: Technical specification of the products.

Annex n°3 -EXP_RA4 Small optics and Optomechanics

Item N°	Product name	Description	Počet kusů	Jednotková cena bez DPH	Výše DPH	Jednotková cena s DPH	Celková cena bez DPH	Výše DPH vzhledem k celkové ceně	Celková cena s DPH	Výrobce	Obchodní označení výrobku	Popis výrobku včetně uvedení katalogového čísla (musí splňovat minimální požadavky - může být nabídnut výrobek s výhodnějšími parametry)
1	mirror 2" dielectric 45deg	mirror diameter 2", dielectric, AOI 45 deg, HR and low GDD: 720 - 880 nm, R >= 99% (s+p)/2, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm.	30	3 399,00 Kč	713,79 Kč	4 112,79 Kč	101 970,00 Kč	21 413,70 Kč	123 383,70 Kč	Laser Components	HR720-880/45 PW2037UV	HR720-880/45 PW2037UV mirror diameter 2", dielectric, AOI 45 deg, HR and low GDD: 720 - 880 nm, R >= 99% (s+p)/2, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm.
2	mirror 2" dielectric 0 deg	mirror diameter 2", dielectric, AOI 0 deg, HR and low GDD: 720 - 880 nm, R >= 99%, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm.	5	6 864,00 Kč	1 441,44 Kč	8 305,44 Kč	34 320,00 Kč	7 207,20 Kč	41 527,20 Kč	Altechna	Custom mirror 2	Custom mirror 2 mirror diameter 2", dielectric, AOI 0 deg, HR and low GDD: 720 - 880 nm, R >= 99%, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm.
3	mirror 1" dielectric 45 deg	mirror diameter 1", dielectric, AOI 45 deg, HR and low GDD: 720 - 880 nm, R >= 99.7% (s+p)/2, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm, p-polarization.	55	1 399,00 Kč	293,79 Kč	1 692,79 Kč	76 945,00 Kč	16 158,45 Kč	93 103,45 Kč	Laser Components	HR720-880/45 PP1037UV	HR720-880/45 PP1037UV mirror diameter 1", dielectric, AOI 45 deg, HR and low GDD: 720 - 880 nm, R >= 99.7% (s+p)/2, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm, p-polarization.
4	mirror 1" dielectric 0 deg	mirror diameter 1", dielectric, AOI 0 deg, HR and low GDD: 720 - 880 nm, R >= 99.7%, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm.	9	3 642,00 Kč	764,82 Kč	4 406,82 Kč	32 778,00 Kč	6 883,38 Kč	39 661,38 Kč	Altechna	Custom mirror 4	Custom mirror 4 mirror diameter 1", dielectric, AOI 0 deg, HR and low GDD: 720 - 880 nm, R >= 99.7%, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm.
5	mirror 2" gold	mirror diameter 2", protected gold coating, surface flatness λ/10, surface quality 40-20 scratch-dig, wedge angle < 5 arc min, laser damage threshold > 1 J/cm2 at 1064 nm, 50 Hz, 11 nsec.	30	2 102,00 Kč	441,42 Kč	2 543,42 Kč	63 060,00 Kč	13 242,60 Kč	76 302,60 Kč	Altechna	1-OS-1-0508-8-[9AU0]	1-OS-1-0508-8-[9AU0] mirror diameter 2", protected gold coating, surface flatness λ/10, surface quality 40-20 scratch-dig, wedge angle < 5 arc min, laser damage threshold > 1 J/cm2 at 1064 nm, 50 Hz, 11 nsec.
6	mirror 1" siver + dielectric	mirror diameter 1", siver+dielectric, AOI 45 deg, HR and low GDD: 750 - 1000 nm, Rs >= 99 %, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm.	20	2 209,00 Kč	463,89 Kč	2 672,89 Kč	44 180,00 Kč	9 277,80 Kč	53 457,80 Kč	Thorlabs	UM10-AG	UM10-AG mirror diameter 1", siver+dielectric, AOI 45 deg, HR and low GDD: 750 - 1000 nm, Rs >= 99 %, surface flatness λ/10, surface quality 20-10 scratch-dig, wedge angle < 3 arc min, laser damage threshold > 50 mJ/cm2 for 50 fs, 800 nm.
7	mirror 2" silver	mirror diameter 2", protected silver coating, surface flatness λ/10, surface quality 40-20 scratch-dig, wedge angle < 5 arc min, laser damage threshold > 1.8 J/cm2 at 1064 nm, 50 Hz, 11 nsec.	2	1 920,00 Kč	403,20 Kč	2 323,20 Kč	3 840,00 Kč	806,40 Kč	4 646,40 Kč	Altechna	1-OS-1-0508-8-[9AG0]	1-OS-1-0508-8-[9AG0] mirror diameter 2", protected silver coating, surface flatness λ/10, surface quality 40-20 scratch-dig, wedge angle < 5 arc min, laser damage threshold > 1.8 J/cm2 at 1064 nm, 50 Hz, 11 nsec.
8	mirror 1" gold	mirror 1inch diameter, protected gold coating, substrate: fused silica, surface flatness: λ/10 @633 nm, surface quality: 40-20 scratch-dig, wedge angle < 5 arc min, damage threshold: 1 J/cm2 at 1064 nm, 50 Hz, 11 ns.	60	986,00 Kč	207,06 Kč	1 193,06 Kč	59 160,00 Kč	12 423,60 Kč	71 583,60 Kč	Altechna	1-OS-1-0254-6-[9AU0]	1-OS-1-0254-6-[9AU0] mirror 1inch diameter, protected gold coating, substrate: fused silica, surface flatness: λ/10 @633 nm, surface quality: 40-20 scratch-dig, wedge angle < 5 arc min, damage threshold: 1 J/cm2 at 1064 nm, 50 Hz, 11 ns.

9	mirror 2" square, gold	mirror, square, 50.8 x 50.8 mm, protected gold coating, surface flatness λ/8, surface quality 40-20 scratch-dig, wedge angle < 3 arc min, damage threshold: > 2 J/cm2 at 1064 nm, 10 ns, 10 Hz.	4	2 581,00 Kč	542,01 Kč	3 123,01 Kč	10 324,00 Kč	2 168,04 Kč	12 492,04 Kč	Thorlabs	PFSQ20-03-M01	PFSQ20-03-M01 mirror, square, 50.8 x 50.8 mm, protected gold coating, surface flatness λ/8, surface quality 40-20 scratch-dig, wedge angle < 3 arc min, damage threshold: > 2 J/cm2 at 1064 nm, 10 ns, 10 Hz.
10	mirror 2" UV enh. aluminum	mirror, square, 50.8 x 50.8 mm, UV enhanced Aluminum, R> 90 % for 250-450 nm, surface flatness λ/8, surface quality 40-20 scratch-dig, wedge angle < 3 arc min, damage threshold > 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.	4	2 205,00 Kč	463,05 Kč	2 668,05 Kč	8 820,00 Kč	1 852,20 Kč	10 672,20 Kč	Thorlabs	PF20-03-F01	PF20-03-F01 mirror, square, 50.8 x 50.8 mm, UV enhanced Aluminum, R> 90 % for 250-450 nm, surface flatness λ/8, surface quality 40-20 scratch-dig, wedge angle < 3 arc min, damage threshold > 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
11	mirror 1" silver	mirror diameter 1 inch or 25.4 mm, protected silver coating, substrate: fused silica, wedge < 5 min, surface flatness: λ/10, surface quality 10-5 scratch-dig, low GDD: 600 - 1000 nm.	60	882,00 Kč	185,22 Kč	1 067,22 Kč	52 920,00 Kč	11 113,20 Kč	64 033,20 Kč	Altechna	1-OS-1-0254-6-[9AG0]	1-OS-1-0254-6-[9AG0] mirror diameter 1 inch or 25.4 mm, protected silver coating, substrate: fused silica, wedge < 5 min, surface flatness: λ/10, surface quality 10-5 scratch-dig, low GDD: 600 - 1000 nm.
12	mirror 1" UV enh. aluminum	mirror, diameter 1 inch, UV enhanced Aluminum, R>90% for 250-450 nm, surface flatness λ/10, surface quality 40-20 scratch-dig, wedge angle < 3 arc min, damage threshold > 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.	45	882,00 Kč	185,22 Kč	1 067,22 Kč	39 690,00 Kč	8 334,90 Kč	48 024,90 Kč	Altechna	1-OS-2-0254-5-[9AL1]	1-OS-2-0254-5-[9AL1] mirror, diameter 1 inch, UV enhanced Aluminum, R>90% for 250-450 nm, surface flatness λ/10, surface quality 40-20 scratch-dig, wedge angle < 3 arc min, damage threshold > 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
13	concave focusing mirror 2" gold, f = 1000mm	mirror 2 inch diameter, protected gold coating, concave, effective focal length ~1000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.	1	4 595,00 Kč	964,95 Kč	5 559,95 Kč	4 595,00 Kč	964,95 Kč	5 559,95 Kč	Altechna	Custom mirror 13	Custom mirror 13 mirror 2 inch diameter, protected gold coating, concave, effective focal length ~1000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.
14	concave focusing mirror 2" silver, f = 1000mm	mirror 2 inch diameter, protected silver coating, concave, effective focal length ~1000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8J/cm2 at 1064 nm, 10 ns.	1	3 922,00 Kč	823,62 Kč	4 745,62 Kč	3 922,00 Kč	823,62 Kč	4 745,62 Kč	Altechna	Custom mirror 14	Custom mirror 14 mirror 2 inch diameter, protected silver coating, concave, effective focal length ~1000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8J/cm2 at 1064 nm, 10 ns.
15	concave focusing mirror 1" silver, f = 250mm	mirror 1" diameter, protected silver coating, concave, effective focal length ~250 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.	1	1 737,00 Kč	364,77 Kč	2 101,77 Kč	1 737,00 Kč	364,77 Kč	2 101,77 Kč	Altechna	Custom mirror 15	Custom mirror 15 mirror 1" diameter, protected silver coating, concave, effective focal length ~250 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.
16	concave focusing mirror 1" silver, f = 400mm	mirror 1" diameter, protected silver coating, concave, effective focal length ~400 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.	1	1 737,00 Kč	364,77 Kč	2 101,77 Kč	1 737,00 Kč	364,77 Kč	2 101,77 Kč	Altechna	Custom mirror 16	Custom mirror 16 mirror 1" diameter, protected silver coating, concave, effective focal length ~400 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.
17	concave focusing mirror 1" silver, f = 750mm	mirror 1" diameter, protected silver coating, concave, effective focal length ~750 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.	1	1 737,00 Kč	364,77 Kč	2 101,77 Kč	1 737,00 Kč	364,77 Kč	2 101,77 Kč	Altechna	Custom mirror 17	Custom mirror 17 mirror 1" diameter, protected silver coating, concave, effective focal length ~750 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.
18	concave focusing mirror 1" silver, f = 1000mm	mirror 1" diameter, protected silver coating, concave, effective focal length ~1000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.	1	1 737,00 Kč	364,77 Kč	2 101,77 Kč	1 737,00 Kč	364,77 Kč	2 101,77 Kč	Altechna	Custom mirror 18	Custom mirror 18 mirror 1" diameter, protected silver coating, concave, effective focal length ~1000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.

19	concave focusing mirror 1" silver, f = 1500mm	mirror 1" diameter, protected silver coating, concave, effective focal length ~1500 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8J/cm2 at 1064 nm, 10 ns.	1	1 737,00 Kč	364,77 Kč	2 101,77 Kč	1 737,00 Kč	364,77 Kč	2 101,77 Kč	Altechna	Custom mirror 19	Custom mirror 19 mirror 1" diameter, protected silver coating, concave, effective focal length ~1500 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8J/cm2 at 1064 nm, 10 ns.
20	concave focusing mirror 1" silver, f = 2000mm	mirror 1" diameter, protected silver coating, concave, effective focal length ~2000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.	1	1 737,00 Kč	364,77 Kč	2 101,77 Kč	1 737,00 Kč	364,77 Kč	2 101,77 Kč	Altechna	Custom mirror 20	Custom mirror 20 mirror 1" diameter, protected silver coating, concave, effective focal length ~2000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0.8 J/cm2 at 1064 nm, 10 ns.
21	concave focusing mirror 2" UV enhanced aluminium	mirror 2 inch diameter, protected UV enhanced aluminium coating, concave, effective focal length ~1000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0,8J/cm2 at 1064 nm, 10 ns.	1	4 381,00 Kč	920,01 Kč	5 301,01 Kč	4 381,00 Kč	920,01 Kč	5 301,01 Kč	Newport	20DC2000AL.2	20DC2000AL.2 mirror 2 inch diameter, protected UV enhanced aluminium coating, concave, effective focal length ~1000 mm, surface flatness λ/4, surface quality 60-40, damage threshold 0,8J/cm2 at 1064 nm, 10 ns.
22	concave focusing mirror 2" silver	mirror 2 inch or 50.8 mm diameter, protected silver coating, low GDD: 600-1000 nm, concave, focal length ~2000 mm (radius 4000 mm), surface flatness: λ/4, surface quality 10-5 scratch-digs.	1	10 710,00 Kč	2 249,10 Kč	12 959,10 Kč	10 710,00 Kč	2 249,10 Kč	12 959,10 Kč	Layertec	104415	104415 mirror 2 inch or 50.8 mm diameter, protected silver coating, low GDD: 600-1000 nm, concave, focal length ~2000 mm (radius 4000 mm), surface flatness: λ/4, surface quality 10-5 scratch-digs.
23	convex mirror 1" silver, f = 1000mm	mirror 1 inch diameter, protected silver coating, convex, focal length 1000 mm (radius 2000 mm), surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.	1	1 877,00 Kč	394,17 Kč	2 271,17 Kč	1 877,00 Kč	394,17 Kč	2 271,17 Kč	Eksma Optics	092-0225R+2000	092-0225R+2000 mirror 1 inch diameter, protected silver coating, convex, focal length 1000 mm (radius 2000 mm), surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
24	convex mirror 1" UV enhanced aluminium f = 1000mm	mirror 1 inch diameter, UV enhanced aluminum coating, convex, focal length 1000 mm (radius 2000 mm), surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.	1	1 605,00 Kč	337,05 Kč	1 942,05 Kč	1 605,00 Kč	337,05 Kč	1 942,05 Kč	Eksma Optics	092-0215R+2000	092-0215R+2000 mirror 1 inch diameter, UV enhanced aluminum coating, convex, focal length 1000 mm (radius 2000 mm), surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
25	convex mirror 1" silver f = 750mm	mirror 1 inch diameter, protected silver coating, convex, focal length 750 mm (radius 1500 mm), surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.	1	1 877,00 Kč	394,17 Kč	2 271,17 Kč	1 877,00 Kč	394,17 Kč	2 271,17 Kč	Eksma Optics	092-0225R+1500	092-0225R+1500 mirror 1 inch diameter, protected silver coating, convex, focal length 750 mm (radius 1500 mm), surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
26	convex mirror 1" UV enhanced aluminium, f = 750mm	mirror 1 inch diameter, UV enhanced aluminum coating, convex, focal length 750 mm (radius 1500 mm), surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.	1	4 080,00 Kč	856,80 Kč	4 936,80 Kč	4 080,00 Kč	856,80 Kč	4 936,80 Kč	Eksma Optics	092-0215R+1500	092-0215R+1500 mirror 1 inch diameter, UV enhanced aluminum coating, convex, focal length 750 mm (radius 1500 mm), surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
27	convex mirror 1" silver, f = 500mm	mirror 1 inch diameter, protected silver coating, convex, focal length 500 mm (radius 1000 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.	1	1 877,00 Kč	394,17 Kč	2 271,17 Kč	1 877,00 Kč	394,17 Kč	2 271,17 Kč	Eksma Optics	092-0225R+1000	092-0225R+1000 mirror 1 inch diameter, protected silver coating, convex, focal length 500 mm (radius 1000 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
28	convex mirror 1" silver, f =400mm	mirror 1 inch diameter, protected silver coating, convex, focal length 400 mm (radius 800 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800nm, 94 fs.	1	1 877,00 Kč	394,17 Kč	2 271,17 Kč	1 877,00 Kč	394,17 Kč	2 271,17 Kč	Eksma Optics	092-0225R+800	092-0225R+800 mirror 1 inch diameter, protected silver coating, convex, focal length 400 mm (radius 800 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800nm, 94 fs.

29	convex mirror 1" silver, f =300mm	mirror 1 inch diameter, protected silver coating, convex, focal length 300 mm (radius 600 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.	1	1 877,00 Kč	394,17 Kč	2 271,17 Kč	1 877,00 Kč	394,17 Kč	2 271,17 Kč	Eksma Optics	092-0225R+600	092-0225R+600 mirror 1 inch diameter, protected silver coating, convex, focal length 300 mm (radius 600 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
30	convex mirror 1" silver, f =200mm	mirror 1 inch diameter, protected silver coating, convex, focal length 200 mm (radius 400 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.	1	1 877,00 Kč	394,17 Kč	2 271,17 Kč	1 877,00 Kč	394,17 Kč	2 271,17 Kč	Eksma Optics	092-0225R+400	092-0225R+400 mirror 1 inch diameter, protected silver coating, convex, focal length 200 mm (radius 400 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
31	convex mirror 1" silver, f =150mm	mirror 1 inch diameter, protected silver coating, convex, focal length 150 mm (radius 300 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.	1	1 877,00 Kč	394,17 Kč	2 271,17 Kč	1 877,00 Kč	394,17 Kč	2 271,17 Kč	Eksma Optics	092-0225R+300	092-0225R+300 mirror 1 inch diameter, protected silver coating, convex, focal length 150 mm (radius 300 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
32	convex mirror 1" silver, f =100mm	mirror 1 inch diameter, protected silver coating, convex, focal length 100 mm (radius 200 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.	1	1 877,00 Kč	394,17 Kč	2 271,17 Kč	1 877,00 Kč	394,17 Kč	2 271,17 Kč	Eksma Optics	092-0225R+200	092-0225R+200 mirror 1 inch diameter, protected silver coating, convex, focal length 100 mm (radius 200 mm) , surface flatness: λ/10, surface quality: 40-20 scratch-dig, damage threshold: 0.25 J/cm2 at 800 nm, 94 fs.
33	focusing mirror 3" gold, f = 500mm	mirror, diameter 75 mm, protected gold coating, concave, f= 500 mm, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold > 2J/cm2 at 1064 nm, 10 ns, 10 Hz.	3	3 636,00 Kč	763,56 Kč	4 399,56 Kč	10 908,00 Kč	2 290,68 Kč	13 198,68 Kč	Thorlabs	CM750-500-M01	CM750-500-M01 mirror, diameter 75 mm, protected gold coating, concave, f= 500 mm, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold > 2J/cm2 at 1064 nm, 10 ns, 10 Hz.
34	focusing mirror 3" UV enh. Aluminum, f =500mm	mirror, diameter 75 mm, UV enhanced aluminum, concave, f=500 mm, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold > 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.	2	3 628,00 Kč	761,88 Kč	4 389,88 Kč	7 256,00 Kč	1 523,76 Kč	8 779,76 Kč	Thorlabs	CM750-500-F01	CM750-500-F01 mirror, diameter 75 mm, UV enhanced aluminum, concave, f=500 mm, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold > 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
35	focusing mirror 2" UV enh. Aluminum, f = 200mm	mirror 2 inch diameter, UV enhanc. Al, concave f=200 mm, surface flatness: λ/4, surface quality: 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns.	3	1 905,00 Kč	400,05 Kč	2 305,05 Kč	5 715,00 Kč	1 200,15 Kč	6 915,15 Kč	Thorlabs	CM508-200-F01	CM508-200-F01 mirror 2 inch diameter, UV enhanc. Al, concave f=200 mm, surface flatness: λ/4, surface quality: 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns.
36	focusing mirror 1" Protected Silver, EFL = 500mm	mirror 1 inch, Protected silver coating, concave f=500 mm, surface flatness: λ/4, surface quality: 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns.	4	1 737,00 Kč	364,77 Kč	2 101,77 Kč	6 948,00 Kč	1 459,08 Kč	8 407,08 Kč	Altechna	Custom mirror 36	Custom mirror 36 mirror 1 inch, Protected silver coating, concave f=500 mm, surface flatness: λ/4, surface quality: 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns.
37	focusing mirror 1" UV enh. Aluminum, f =100mm	mirror 1 inch, UV enhanc. Al, concave f=100 mm, surface flatness: λ/4, surface quality: 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns.	5	1 737,00 Kč	364,77 Kč	2 101,77 Kč	8 685,00 Kč	1 823,85 Kč	10 508,85 Kč	Altechna	Custom mirror 37	Custom mirror 37 mirror 1 inch, UV enhanc. Al, concave f=100 mm, surface flatness: λ/4, surface quality: 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns.
38	OAP 1" UV enh. Aluminum, 2" RFL	off-axis parabolic mirror, 1 inch diameter, UV enhanced Al, reflected focal length 2", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.	3	3 721,00 Kč	781,41 Kč	4 502,41 Kč	11 163,00 Kč	2 344,23 Kč	13 507,23 Kč	Thorlabs	MPD129-F01	MPD129-F01 off-axis parabolic mirror, 1 inch diameter, UV enhanced Al, reflected focal length 2", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
39	OAP 1" UV enh. Aluminum, 6" EFL	off-axis parabolic mirror, 1 inch diameter, UV enhanced Al, reflected focal length 6", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.	1	3 721,00 Kč	781,41 Kč	4 502,41 Kč	3 721,00 Kč	781,41 Kč	4 502,41 Kč	Thorlabs	MPD169-F01	MPD169-F01 off-axis parabolic mirror, 1 inch diameter, UV enhanced Al, reflected focal length 6", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.

40	OAP 2" silver, 15" EFL, 15 deg incidence	off-axis parabolic mirror, 2 inch diameter, silver, reflected focal length 15", off-axis angle 15 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.	1	7 442,00 Kč	1 562,82 Kč	9 004,82 Kč	7 442,00 Kč	1 562,82 Kč	9 004,82 Kč	Thorlabs	MPD2151-P01	MPD2151-P01 off-axis parabolic mirror, 2 inch diameter, silver, reflected focal length 15", off-axis angle 15 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
41	OAP 2" with hole paralel with focus, protected gold, 6" RFL	off-axis parabolic mirror with hole paralel with focused beam (3 mm aperture of the hole at the polished surface, 6 mm at back), 2 inch diameter, protected gold, reflected focal length 6", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.	1	7 442,00 Kč	1 562,82 Kč	9 004,82 Kč	7 442,00 Kč	1 562,82 Kč	9 004,82 Kč	Thorlabs	MPD269H-M01	MPD269H-M01 off-axis parabolic mirror with hole paralel with focused beam (3 mm aperture of the hole at the polished surface, 6 mm at back), 2 inch diameter, protected gold, reflected focal length 6", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
42	OAP 3" with hole paralel with focus, protected gold, 6" RFL	off-axis parabolic mirror with hole paralel with focused beam (3 mm aperture of the hole at the polished surface, 6 mm at back), 3inch diameter, protected gold, reflected focal length 6", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.	1	13 372,00 Kč	2 808,12 Kč	16 180,12 Kč	13 372,00 Kč	2 808,12 Kč	16 180,12 Kč	Thorlabs	MPD369H-M01	MPD369H-M01 off-axis parabolic mirror with hole paralel with focused beam (3 mm aperture of the hole at the polished surface, 6 mm at back), 3inch diameter, protected gold, reflected focal length 6", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
43	OAP 3" with hole paralel with focus, protected gold, 9" RFL	off-axis parabolic mirror with hole paralel with focused beam (3 mm aperture of the hole at the polished surface, 6 mm at back), 3 inch diameter, protected gold, reflected focal length 9", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.	1	15 116,00 Kč	3 174,36 Kč	18 290,36 Kč	15 116,00 Kč	3 174,36 Kč	18 290,36 Kč	Thorlabs	MPD399H-M01	MPD399H-M01 off-axis parabolic mirror with hole paralel with focused beam (3 mm aperture of the hole at the polished surface, 6 mm at back), 3 inch diameter, protected gold, reflected focal length 9", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
44	OAP 2" with hole paralel with focus, protected gold, 4" RFL	off-axis parabolic mirror with hole paralel with focused beam (3 mm aperture of the hole at the polished surface, 6 mm at back), 2 inch diameter, protected gold, reflected focal length 4", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.	2	7 442,00 Kč	1 562,82 Kč	9 004,82 Kč	14 884,00 Kč	3 125,64 Kč	18 009,64 Kč	Thorlabs	MPD249H-M01	MPD249H-M01 off-axis parabolic mirror with hole paralel with focused beam (3 mm aperture of the hole at the polished surface, 6 mm at back), 2 inch diameter, protected gold, reflected focal length 4", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
45	Variable attenuator (waveplate + polarizer)	Variable attenuator (waveplate + polarizer), 750 - 850 nm, transmission contrast mode, attenuation 0.2 - 70 %, clear aperture 15 mm, damage threshold > 100 mJ/cm2 at 800 nm, 100 fs, 1 kHz.	2	55 271,00 Kč	11 606,91 Kč	66 877,91 Kč	110 542,00 Kč	23 213,82 Kč	133 755,82 Kč	Altechna	2-UWPA-T2-0800-M	2-UWPA-T2-0800-M Variable attenuator (waveplate + polarizer), 750 - 850 nm, transmission contrast mode, attenuation 0.2 - 70 %, clear aperture 15 mm, damage threshold > 100 mJ/cm2 at 800 nm, 100 fs, 1 kHz.
46	broadband waveplate lambda/2, near IR, for ultrashort pulses	achromatic waveplate λ/2, 600 - 950 nm, free aperture >= 21 mm, GDD < 150fs^2, throughput > 98 %, wavefront distortion < λ/10, surface 10-5 scratch-dig.	1	103 075,00 Kč	21 645,75 Kč	124 720,75 Kč	103 075,00 Kč	21 645,75 Kč	124 720,75 Kč	FemtoOptics	OA228	OA228 achromatic waveplate λ/2, 600 - 950 nm, free aperture >= 21 mm, GDD < 150fs^2, throughput > 98 %, wavefront distortion < λ/10, surface 10-5 scratch-dig.
47	broadband waveplate lambda/2, UV	achromatic waveplate λ/2, mounted, clear aperture 10 mm, 260 - 410 nm, surface quality: 20-10 scratch-dig, damage threshold > 5 J/cm2 at 10 ns, 10 Hz.	2	22 093,00 Kč	4 639,53 Kč	26 732,53 Kč	44 186,00 Kč	9 279,06 Kč	53 465,06 Kč	Thorlabs	AHWP05M-340	AHWP05M-340 achromatic waveplate λ/2, mounted, clear aperture 10 mm, 260 - 410 nm, surface quality: 20-10 scratch-dig, damage threshold > 5 J/cm2 at 10 ns, 10 Hz.
48	broadband waveplate lambda/2, VIS	achromatic waveplate λ/2, mounted, 1 inch, clear aperture 22.6 mm, 400 - 800 nm, surface quality: 20-10 scratch-dig, damage threshold > 5 J/cm2 at 10 ns, 10 Hz.	3	18 209,00 Kč	3 823,89 Kč	22 032,89 Kč	54 627,00 Kč	11 471,67 Kč	66 098,67 Kč	Thorlabs	AHWP05M-600	AHWP05M-600 achromatic waveplate λ/2, mounted, 1 inch, clear aperture 22.6 mm, 400 - 800 nm, surface quality: 20-10 scratch-dig, damage threshold > 5 J/cm2 at 10 ns, 10 Hz.

49	broadband waveplate lambda/2, ner IR	achromatic waveplate λ/2, mounted, 1 inch, clear aperture 22.6 mm, 690 - 1200 nm, surface quality: 20-10 scratch-dig, damage threshold > 5 J/cm2 at 10 ns, 10 Hz.	3	18 209,00 Kč	3 823,89 Kč	22 032,89 Kč	54 627,00 Kč	11 471,67 Kč	66 098,67 Kč	Thorlabs	AHWP05M-980	AHWP05M-980 achromatic waveplate λ/2, mounted, 1 inch, clear aperture 22.6 mm, 690 - 1200 nm, surface quality: 20-10 scratch-dig, damage threshold > 5 J/cm2 at 10 ns, 10 Hz.
50	broadband polarizer for fs pulses	broadband thin film polarizer 600 - 900 nm, extinction ratio < 2x10^-2, GDD < 150 fs^2, free aperture 19 mm, mount outer diameter 25 mm.	1	93 800,00 Kč	19 698,00 Kč	113 498,00 Kč	93 800,00 Kč	19 698,00 Kč	113 498,00 Kč	FemtoOptics	OA513	OA513 broadband thin film polarizer 600 - 900 nm, extinction ratio < 2x10^-2, GDD < 150 fs^2, free aperture 19 mm, mount outer diameter 25 mm.
51	Holographic Wire Grid Polarizer, Ø25 mm, Mounted	KRS-5 Holographic Wire Grid Polarizer, Ø25 mm, Mountad, extinction better than 1:100, transmission 3 - 30µm > 70 %.	1	32 791,00 Kč	6 886,11 Kč	39 677,11 Kč	32 791,00 Kč	6 886,11 Kč	39 677,11 Kč	Thorlabs	WP25H-K	WP25H-K KRS-5 Holographic Wire Grid Polarizer, Ø25 mm, Mounted, extinction better than 1:100, transmission 3 - 30 µm > 70 %.
52	Glan-Taylor Calcite Polarizers, Uncoated, 10 mm	Glan-Taylor Design (Air-Spaced Birefringent Crystal Prisms), 10 mm, uncoated, Wavefront Distortions λ/4 Over Clear Aperture (Excluding Side Ports), extinction 1: 100 000, 20-10 Scratch-Dig Surface Quality on Input and Exit Faces (80-50 on Side Ports).	1	12 455,00 Kč	2 615,55 Kč	15 070,55 Kč	12 455,00 Kč	2 615,55 Kč	15 070,55 Kč	Altechna	2-GL-3522-2	2-GL-3522-2 Glan-Taylor Design (Air-Spaced Birefringent Crystal Prisms), 10 mm, uncoated, Wavefront Distortion ≤ λ/4 Over Clear Aperture (Excluding Side Ports), extinction 1: 100 000, 20-10 Scratch-Dig Surface Quality on Input and Exit Faces (80-50 on Side Ports).
53	Wollaston Prism, 20° Beam Separation, 190 - 3500 nm Uncoated α-BBO	Wollaston Prism, 20° Beam Separation, 190 - 3500 nm Uncoated α-BBO, Separates Unpolarized Light into Two Orthogonally Polarized Outputs with a 20° Separation Angle.	2	19 768,00 Kč	4 151,28 Kč	23 919,28 Kč	39 536,00 Kč	8 302,56 Kč	47 838,56 Kč	Thorlabs	WPA10	WPA10 Wollaston Prism, 20° Beam Separation, 190 - 3500 nm Uncoated α-BBO, Separates Unpolarized Light into Two Orthogonally Polarized Outputs with a 20° Separation Angle.
54	Glan-Taylor Calcite Polarizers, Uncoated, 15 mm	Glan-Taylor Design (Air-Spaced Birefringent Crystal Prisms), 15 mm, uncoated, Wavefront Distortions λ/4 Over Clear Aperture (Excluding Side Ports), extinction 1: 100 000, 20-10 Scratch-Dig Surface Quality on Input and Exit Faces (80-50 on Side Ports).	1	19 462,00 Kč	4 087,02 Kč	23 549,02 Kč	19 462,00 Kč	4 087,02 Kč	23 549,02 Kč	Altechna	2-GL-3522-4	2-GL-3522-4 Glan-Taylor Design (Air-Spaced Birefringent Crystal Prisms), 15 mm, uncoated, Wavefront Distortion ≤ λ/4 Over Clear Aperture (Excluding Side Ports), extinction 1: 100 000, 20-10 Scratch-Dig Surface Quality on Input and Exit Faces (80-50 on Side Ports).
55	Microretarder Depolarizer Array	Microretarder Depolarizer Array, patterned retarder designed to convert a linearly polarized beam of light into a pseudo-randomly polarized beam, AR coating 350 - 700 nm, 20-10 Scratch-Dig Surface Quality on Input and Exit Faces (80-50 on Side Ports).	1	11 163,00 Kč	2 344,23 Kč	13 507,23 Kč	11 163,00 Kč	2 344,23 Kč	13 507,23 Kč	Thorlabs	DPP25-A	DPP25-A Microretarder Depolarizer Array, patterned retarder designed to convert a linearly polarized beam of light into a pseudo-randomly polarized beam, AR coating 350 - 700 nm, 20-10 Scratch-Dig Surface Quality on Input and Exit Faces (80-50 on Side Ports).
56	broadband wire grid polarizer	ultrabroadband wire grid polarizer, operating range: 250 nm - 4 um, extinction: 250 nm - 4 µm: >10:1, 300 nm - 4 µm: >100:1, 600 nm - 4 µm: >1000:1, Clear Aperture: Ø19 mm, Thickness: 3.5 ± 0.1 mm , mount outer diameter 25 mm.	5	17 644,00 Kč	3 705,24 Kč	21 349,24 Kč	88 220,00 Kč	18 526,20 Kč	106 746,20 Kč	Thorlabs	WP25M-UB	WP25M-UB ultrabroadband wire grid polarizer, operating range: 250 nm - 4 um, extinction: 250 nm - 4 µm: >10:1, 300 nm - 4 µm: >100:1, 600 nm - 4 µm: >1000:1, Clear Aperture: Ø19 mm, Thickness: 3.5 ± 0.1 mm , mount outer diameter 25 mm.
57	window 1" fused silica	window 1 inch diameter, 1 mm thick, fused silica, AR coated 650 - 1050 nm, surface quality 20-10 scratch-dig, surface flatness: λ/4, parallelism < 1 arc min, damage threshold 7.5 J/cm2 at 810 nm, 10 ns.	3	1 569,00 Kč	329,49 Kč	1 898,49 Kč	4 707,00 Kč	988,47 Kč	5 695,47 Kč	Altechna	Custom window 57	Custom window 57 window 1 inch diameter, 1 mm thick, fused silica, AR coated 650 - 1050 nm, surface quality 20-10 scratch-dig, surface flatness: λ/4, parallelism < 1 arc min, damage threshold 7.5 J/cm2 at 810 nm, 10 ns.
58	window 1" fused silica	window 1 inch diameter, 1 mm thick, fused silica, uncoated, surface quality 20-10 scratch-dig, surface flatness: λ/4, parallelism < 1 arc min.	2	420,00 Kč	88,20 Kč	508,20 Kč	840,00 Kč	176,40 Kč	1 016,40 Kč	Altechna	Custom window 58	Custom window 58 window 1 inch diameter, 1 mm thick, fused silica, uncoated, surface quality 20-10 scratch-dig, surface flatness: λ/4, parallelism < 1 arc min.

59	window 1" fused silica	window 1 inch diameter, 1 mm thick, fused silica, AR coated 350 - 700 nm, surface quality 20-10 scratch-dig, surface flatness: λ/4, parallelism < 1 arc min, damage threshold 7.5 J/cm2 at 532 nm, 10 ns.	1	2 209,00 Kč	463,89 Kč	2 672,89 Kč	2 209,00 Kč	463,89 Kč	2 672,89 Kč	Thorlabs	WG41010-A	WG41010-A window 1 inch diameter, 1 mm thick, fused silica, AR coated 350 - 700 nm, surface quality 20-10 scratch-dig, surface flatness: λ/4, parallelism < 1 arc min, damage threshold 7.5 J/cm2 at 532 nm, 10 ns.
60	window 1" fused silica	window 1inch diameter, 1mm thick, fused silica, AR coated 1050 - 1700 nm, surface quality 20-10 scratch-dig, surface flatness: λ/4, parallelism < 1 arc min, damage threshold 7.5 J/cm2 at 1542 nm, 10 ns.	1	2 279,00 Kč	478,59 Kč	2 757,59 Kč	2 279,00 Kč	478,59 Kč	2 757,59 Kč	Thorlabs	WG41010-C	WG41010-C window 1inch diameter, 1mm thick, fused silica, AR coated 1050 - 1700 nm, surface quality 20-10 scratch-dig, surface flatness: λ/4, parallelism < 1 arc min, damage threshold 7.5 J/cm2 at 1542 nm, 10 ns.
61	window 1" MgF2	MgF2 window Ø1 inch, 5 mm thick, uncoated, Surface Flatness (@ 633 nm) λ/8, Clear Aperture > 90 % Diameter.	1	5 233,00 Kč	1 098,93 Kč	6 331,93 Kč	5 233,00 Kč	1 098,93 Kč	6 331,93 Kč	Thorlabs	WG61050	WG61050 MgF2 window Ø1 inch, 5 mm thick, uncoated, Surface Flatness (@ 633 nm) λ/8, Clear Aperture > 90 % Diameter.
62	window 1" CaF2, 5 mm	CaF2 window Ø1 inch, 5 mm thick, uncoated, Surface Flatness (@ 633 nm) λ/8, Clear Aperture > 90 % Diameter.	1	2 674,00 Kč	561,54 Kč	3 235,54 Kč	2 674,00 Kč	561,54 Kč	3 235,54 Kč	Thorlabs	WG51050	WG51050 CaF2 window Ø1 inch, 5 mm thick, uncoated, Surface Flatness (@ 633 nm) λ/8, Clear Aperture > 90 % Diameter.
63	window 1" CaF2, 2 mm	CaF2 window Ø1 inch, 2 mm thick, uncoated, Surface Flatness (@ 633 nm) λ/8, Clear Aperture > 90 % Diameter.	1	5 890,00 Kč	1 236,90 Kč	7 126,90 Kč	5 890,00 Kč	1 236,90 Kč	7 126,90 Kč	Newport	10CF20	10CF20 CaF2 window Ø1 inch, 2 mm thick, uncoated, Surface Flatness (@ 633 nm) λ/8, Clear Aperture > 90 % Diameter.
64	window 1"sapphire	sapphire window Ø1 inch, 5 mm thick, uncoated, Surface Flatness (@ 633 nm) λ/8, Clear Aperture > 90 % Diameter.	1	1 360,00 Kč	285,60 Kč	1 645,60 Kč	1 360,00 Kč	285,60 Kč	1 645,60 Kč	Eksma Optics	550-7255	550-7255 sapphire window Ø1 inch, 5 mm thick, uncoated, Surface Flatness (@ 633 nm) λ/8, Clear Aperture > 90 % Diameter.
65	window 1" germanium, uncoated	Germanium Broadband Precision Window, uncoated, Ø1 inch, 5 mm thick, Surface Flatness (@ 633 nm) λ, Clear Aperture > 90 % Diameter.	2	3 488,00 Kč	732,48 Kč	4 220,48 Kč	6 976,00 Kč	1 464,96 Kč	8 440,96 Kč	Thorlabs	WG91050	WG91050 Germanium Broadband Precision Window, uncoated, Ø1 inch, 5 mm thick, Surface Flatness (@ 633 nm) λ, Clear Aperture > 90 % Diameter.
66	window 1" germanium, 7 - 12 µm coated	Germanium Broadband Precision Window, AR Coated: 7 - 12 µm, Ø1 inch, 5mm thick, Surface Flatness (@ 633 nm) λ, Clear Aperture > 90 % Diameter.	2	4 419,00 Kč	927,99 Kč	5 346,99 Kč	8 838,00 Kč	1 855,98 Kč	10 693,98 Kč	Thorlabs	WG91050-G	WG91050-G Germanium Broadband Precision Window, AR Coated: 7 - 12 µm, Ø1 inch, 5mm thick, Surface Flatness (@ 633 nm) λ, Clear Aperture > 90 % Diameter.
67	window 1" germanium, 1.9 - 6 µm coated	Germanium Broadband Precision Window, AR Coated: 1,9 - 6 µm, Ø1 inch, 5 mm thick, Surface Flatness (@ 633 nm) λ, Clear Aperture > 90 % Diameter.	2	6 744,00 Kč	1 416,24 Kč	8 160,24 Kč	13 488,00 Kč	2 832,48 Kč	16 320,48 Kč	Thorlabs	WG91050-C9	WG91050-C9 Germanium Broadband Precision Window, AR Coated: 1,9 - 6 µm, Ø1 inch, 5 mm thick, Surface Flatness (@ 633 nm) λ, Clear Aperture > 90 % Diameter.
68	lens 2" f=500mm	lens Ø2 inch, plano-convex, fused silica, focal length ~500 mm, uncoated.	2	3 114,00 Kč	653,94 Kč	3 767,94 Kč	6 228,00 Kč	1 307,88 Kč	7 535,88 Kč	Altechna	1-PCX-2-D508	1-PCX-2-D508 lens Ø2 inch, plano-convex, fused silica, focal length ~500 mm, uncoated.
69	lens 2" f=750mm	lens Ø2 inch, plano-convex, fused silica, focal length ~750 mm, uncoated.	2	4 483,00 Kč	941,43 Kč	5 424,43 Kč	8 966,00 Kč	1 882,86 Kč	10 848,86 Kč	Altechna	Custom lens 69	Custom lens 69 lens Ø2 inch, plano-convex, fused silica, focal length ~750 mm, uncoated.
70	lens 2" f=1000mm	lens Ø2 inch, plano-convex, fused silica, focal length ~1000 mm, uncoated.	2	3 114,00 Kč	653,94 Kč	3 767,94 Kč	6 228,00 Kč	1 307,88 Kč	7 535,88 Kč	Altechna	1-PCX-2-E508	1-PCX-2-E508 lens Ø2 inch, plano-convex, fused silica, focal length ~1000 mm, uncoated.
71	lens 1" f=75mm	lens Ø1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin (central thickness < 3 mm), focal length 75 mm.	5	3 808,00 Kč	799,68 Kč	4 607,68 Kč	19 040,00 Kč	3 998,40 Kč	23 038,40 Kč	Eksma Optics	110-1209ET+UBB AR	110-1209ET+UBBAR lens Ø1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin (central thickness < 3 mm), focal length 75 mm.
72	lens 1" f=100mm, extended VIS coated	lens Ø1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin (central thickness < 3 mm), focal length 100 mm .	5	3 808,00 Kč	799,68 Kč	4 607,68 Kč	19 040,00 Kč	3 998,40 Kč	23 038,40 Kč	Eksma Optics	110-1211ET+UBB AR	110-1211ET+UBBAR lens Ø1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin (central thickness < 3 mm), focal length 100 mm .

73	lens 1" f=200mm	lens Ø1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin (central thickness < 3 mm), focal length 200 mm.	5	3 808,00 Kč	799,68 Kč	4 607,68 Kč	19 040,00 Kč	3 998,40 Kč	23 038,40 Kč	Eksma Optics	110-1219ET+UBBAR	110-1219ET+UBBAR lens Ø1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin (central thickness < 3 mm), focal length 200 mm.
74	lens 1" f=300mm	lens 1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin, focal length 300 mm.	5	3 808,00 Kč	799,68 Kč	4 607,68 Kč	19 040,00 Kč	3 998,40 Kč	23 038,40 Kč	Eksma Optics	110-1223ET+UBBAR	110-1223ET+UBBAR lens 1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin, focal length 300 mm.
75	lens 1" f=500mm	lens Ø1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin (central thickness < 3 mm), focal length 500 mm.	5	3 808,00 Kč	799,68 Kč	4 607,68 Kč	19 040,00 Kč	3 998,40 Kč	23 038,40 Kč	Eksma Optics	110-1233ET+UBBAR	110-1233ET+UBBAR lens Ø1 inch, plano-convex, AR coated 350 - 900 nm, fused silica, ultrathin (central thickness < 3 mm), focal length 500 mm.
76	lens 1" f=50mm	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 50 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	4	1 246,00 Kč	261,66 Kč	1 507,66 Kč	4 984,00 Kč	1 046,64 Kč	6 030,64 Kč	Altechna	1-PCX-2-B254	1-PCX-2-B254 lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 50 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
77	lens 1" f=75mm	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 75 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	2	1 246,00 Kč	261,66 Kč	1 507,66 Kč	2 492,00 Kč	523,32 Kč	3 015,32 Kč	Altechna	1-PCX-2-D254	1-PCX-2-D254 lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 75 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
78	lens 1" f=100mm, uncoated	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 100 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	4	1 246,00 Kč	261,66 Kč	1 507,66 Kč	4 984,00 Kč	1 046,64 Kč	6 030,64 Kč	Altechna	1-PCX-2-E254	1-PCX-2-E254 lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 100 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
79	lens 1" f=200mm	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 200 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	4	1 246,00 Kč	261,66 Kč	1 507,66 Kč	4 984,00 Kč	1 046,64 Kč	6 030,64 Kč	Altechna	1-PCX-2-H254	1-PCX-2-H254 lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 200 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
80	lens 1" f=250mm	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 250 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	2	1 246,00 Kč	261,66 Kč	1 507,66 Kč	2 492,00 Kč	523,32 Kč	3 015,32 Kč	Altechna	1-PCX-2-J254	1-PCX-2-J254 lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 250 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
81	lens 1" f=300mm	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 300 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	4	1 246,00 Kč	261,66 Kč	1 507,66 Kč	4 984,00 Kč	1 046,64 Kč	6 030,64 Kč	Altechna	1-PCX-2-K254	1-PCX-2-K254 lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 300 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
82	lens 1" f=500mm	lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 500 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	4	1 246,00 Kč	261,66 Kč	1 507,66 Kč	4 984,00 Kč	1 046,64 Kč	6 030,64 Kč	Altechna	1-PCX-2-M254	1-PCX-2-M254 lens Ø1 inch, plano-convex, uncoated, fused silica, focal length 500 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
83	lens 1" f=50mm	lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 50 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	1	2 335,00 Kč	490,35 Kč	2 825,35 Kč	2 335,00 Kč	490,35 Kč	2 825,35 Kč	Altechna	1-PCX-2-B254-[7800]	1-PCX-2-B254-[7800] lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 50 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.

84	lens 1" f=75mm	lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 75 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	1	2 335,00 Kč	490,35 Kč	2 825,35 Kč	2 335,00 Kč	490,35 Kč	2 825,35 Kč	Altechna	1-PCX-2-D254-[7B00]	1-PCX-2-D254-[7B00] lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 75 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
85	lens 1" f=100mm	lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 100 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	2	2 335,00 Kč	490,35 Kč	2 825,35 Kč	4 670,00 Kč	980,70 Kč	5 650,70 Kč	Altechna	1-PCX-2-E254-[7B00]	1-PCX-2-E254-[7B00] lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 100 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
86	lens 1" f=200mm	lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 200 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	2	2 335,00 Kč	490,35 Kč	2 825,35 Kč	4 670,00 Kč	980,70 Kč	5 650,70 Kč	Altechna	1-PCX-2-H254-[7B00]	1-PCX-2-H254-[7B00] lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 200 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
87	lens 1" f=250mm	lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 250 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	1	2 335,00 Kč	490,35 Kč	2 825,35 Kč	2 335,00 Kč	490,35 Kč	2 825,35 Kč	Altechna	1-PCX-2-J254-[7B00]	1-PCX-2-J254-[7B00] lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 250 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
88	lens 1" f=300mm	lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 300 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	1	2 335,00 Kč	490,35 Kč	2 825,35 Kč	2 335,00 Kč	490,35 Kč	2 825,35 Kč	Altechna	1-PCX-2-K254-[7B00]	1-PCX-2-K254-[7B00] lens Ø1 inch, plano-convex, 650-1050 nm AR coated, fused silica, focal length 300 mm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
89	OAP1" UV enhanced Aluminium f=4"	Off-axis parabolic mirror 90 deg, 1inch diameter, UV-Enhanced Aluminum coating, effective focal length 4", Surface Roughness: <100 Å (RMS), Clear Aperture: > 90 % of Diameter.	1	3 721,00 Kč	781,41 Kč	4 502,41 Kč	3 721,00 Kč	781,41 Kč	4 502,41 Kč	Thorlabs	MPD149-F01	MPD149-F01 Off-axis parabolic mirror 90 deg, 1inch diameter, UV-Enhanced Aluminum coating, effective focal length 4", Surface Roughness: <100 Å (RMS), Clear Aperture: > 90 % of Diameter.
90	OAP1" gold f=2"	Off-axis parabolic mirror 90 deg, 1 inch diameter,Protected Gold coating, effective focal length 2", Surface Roughness: < 100 Å (RMS), Clear Aperture: > 90 % of Diameter.	1	4 419,00 Kč	927,99 Kč	5 346,99 Kč	4 419,00 Kč	927,99 Kč	5 346,99 Kč	Thorlabs	MPD129-M01	MPD129-M01 Off-axis parabolic mirror 90 deg, 1 inch diameter,Protected Gold coating, effective focal length 2", Surface Roughness: < 100 Å (RMS), Clear Aperture: > 90 % of Diameter.
91	OAP1" gold f=4"	Off-axis parabolic mirror 90 deg, 1 inch diameter, Protected Gold coating, effective focal length 4", Surface Roughness: < 100 Å (RMS), Clear Aperture: > 90 % of Diameter.	1	4 419,00 Kč	927,99 Kč	5 346,99 Kč	4 419,00 Kč	927,99 Kč	5 346,99 Kč	Thorlabs	MPD149-M01	MPD149-M01 Off-axis parabolic mirror 90 deg, 1 inch diameter, Protected Gold coating, effective focal length 4", Surface Roughness: < 100 Å (RMS), Clear Aperture: > 90 % of Diameter.
92	OAP1" gold f=6"	Off-axis parabolic mirror 90 deg, 1 inch diameter,Protected Gold coating, effective focal length 6", Surface Roughness: < 100 Å (RMS), Clear Aperture: > 90 % of Diameter.	1	4 419,00 Kč	927,99 Kč	5 346,99 Kč	4 419,00 Kč	927,99 Kč	5 346,99 Kč	Thorlabs	MPD169-M01	MPD169-M01 Off-axis parabolic mirror 90 deg, 1 inch diameter,Protected Gold coating, effective focal length 6", Surface Roughness: < 100 Å (RMS), Clear Aperture: > 90 % of Diameter.
93	OAP1"gold f=200mm	Off-axis parabolic mirror 90 deg, 1inch diameter, Protected Gold coating, effective focal length 200 mm, Surface Roughness: < 175 Å (RMS), Surface Figure, RMS λ/4, Clear Aperture: > 90 % of Diameter.	1	6 664,00 Kč	1 399,44 Kč	8 063,44 Kč	6 664,00 Kč	1 399,44 Kč	8 063,44 Kč	Edmund Optics	83-974	83-974 Off-axis parabolic mirror 90 deg, 1inch diameter, Protected Gold coating, effective focal length 200 mm, Surface Roughness: < 175 Å (RMS), Surface Figure, RMS λ/4, Clear Aperture: > 90 % of Diameter.

94	beamsplitter 2" 50:50	beamsplitter Ø2 inch, split ratio 50:50, fused silica, coating 350 - 1100 nm, thickness 8 mm, Damage Threshold > 10 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.130 mm), Splitter Ratio Tolerance ± 12 % Over Entire Wavelength Range.	2	7 302,00 Kč	1 533,42 Kč	8 835,42 Kč	14 604,00 Kč	3 066,84 Kč	17 670,84 Kč	Thorlabs	BSW27	BSW27 beamsplitter Ø2 inch, split ratio 50:50, fused silica, coating 350 - 1100 nm, thickness 8 mm, Damage Threshold > 10 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.130 mm), Splitter Ratio Tolerance ± 12 % Over Entire Wavelength Range.
95	beamsplitter 1" 50:50 mid-IR	beamsplitter Ø1 inch, matrial: Calcium Fluoride, for range 2 - 8µm, 50:50 split ratio (+-10%), thickness 5 mm, for S/P-Polarized Light Incident at 45°, Surface Flatness < 3λ Over Clear Aperture(Ø22.86 mm).	2	6 512,00 Kč	1 367,52 Kč	7 879,52 Kč	13 024,00 Kč	2 735,04 Kč	15 759,04 Kč	Thorlabs	BSW510	BSW510 beamsplitter Ø1 inch, matrial: Calcium Fluoride, for range 2 - 8 µm, 50:50 split ratio (+-10%), thickness 5 mm, for S/P-Polarized Light Incident at 45°, Surface Flatness < 3λ Over Clear Aperture (Ø22.86 mm).
96	beamsplitter 1" 50:50 Ti:sapphire optimized	beamsplitter Ø1 inch, low GDD, for range 600 - 1500 nm optimized for Ti:Sapphire and Yb Lasers, 50:50 split ratio, thickness 1.5 mm, for P-Polarized Light Incident at 45°, Surface Flatness < 3λ Over Clear Aperture (80 % of diameter).	4	5 814,00 Kč	1 220,94 Kč	7 034,94 Kč	23 256,00 Kč	4 883,76 Kč	28 139,76 Kč	Thorlabs	UFBS5050	UFBS5050 beamsplitter Ø1 inch, low GDD, for range 600 - 1500 nm optimized for Ti:Sapphire and Yb Lasers, 50:50 split ratio, thickness 1.5 mm, for P-Polarized Light Incident at 45°, Surface Flatness < 3λ Over Clear Aperture (80 % of diameter).
97	beamsplitter 2" 90:10	beamsplitter Ø2 inch, split ratio 90:10 R:T, fused silica, coating 700 - 1100 nm, thickness 8 mm, Damage Threshold > 10 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.130 mm), Splitter Ratio Tolerance ±12 % Over Entire Wavelength Range.	2	4 302,00 Kč	903,42 Kč	5 205,42 Kč	8 604,00 Kč	1 806,84 Kč	10 410,84 Kč	Thorlabs	BSX17	BSX17 beamsplitter Ø2 inch, split ratio 90:10 R:T, fused silica, coating 700 - 1100 nm, thickness 8 mm, Damage Threshold > 10 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.130 mm), Splitter Ratio Tolerance ±12 % Over Entire Wavelength Range.
98	beamsplitter 1" 90:10	beamsplitter Ø1 inch, split ratio 90:10 R:T, fused silica, coating 700 - 1100 nm, thickness 5 mm, Damage Threshold > 10 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.130 mm), Splitter Ratio Tolerance ±12 % Over Entire Wavelength Range.	4	2 674,00 Kč	561,54 Kč	3 235,54 Kč	10 696,00 Kč	2 246,16 Kč	12 942,16 Kč	Thorlabs	BSX11	BSX11 beamsplitter Ø1 inch, split ratio 90:10 R:T, fused silica, coating 700 - 1100 nm, thickness 5 mm, Damage Threshold > 10 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.130 mm), Splitter Ratio Tolerance ±12 % Over Entire Wavelength Range.
99	beamsplitter 1" 70:30	beamsplitter Ø1 inch, split ratio 70:30 R:T, fused silica, coating 700 - 1100 nm, thickness 5 mm, Damage Threshold > 10 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.130 mm), Splitter Ratio Tolerance ±12 % Over Entire Wavelength Range.	2	2 186,00 Kč	459,06 Kč	2 645,06 Kč	4 372,00 Kč	918,12 Kč	5 290,12 Kč	Thorlabs	BST11	BST11 beamsplitter Ø1 inch, split ratio 70:30 R:T, fused silica, coating 700 - 1100 nm, thickness 5 mm, Damage Threshold > 10 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.130 mm), Splitter Ratio Tolerance ±12 % Over Entire Wavelength Range.
100	wedge Ø1 inch, uncoated, 4 deg Beam Deviation	round wedge prism, Ø1 inch, uncoated, 4 deg Beam Deviation, Material N-BK7, Surface Flatness λ/10 at 633 nm, uncoated.	12	1 457,00 Kč	305,97 Kč	1 762,97 Kč	17 484,00 Kč	3 671,64 Kč	21 155,64 Kč	Altechna	Custom wedge 100	Custom wedge 100 round wedge prism, Ø1 inch, uncoated, 4 deg Beam Deviation, Material N-BK7, Surface Flatness λ/10 at 633 nm, uncoated.
101	beam sampler VIS, 0,5 % sample	beam sampler - wedge, Ø1 inch, 350-700 coated (refletance 0,5-1 % in this range), 5 mm Thick, damage treshold 7.5 J/cm2 (532 nm, 10 ns, 10 Hz, Ø0.491 mm), Surface Flatnessλ/8 @ 633 nm Over the Clear Apertur.	4	1 426,00 Kč	299,46 Kč	1 725,46 Kč	5 704,00 Kč	1 197,84 Kč	6 901,84 Kč	Thorlabs	BSF10-A	BSF10-A beam sampler - wedge, Ø1 inch, 350-700 coated (refletance 0,5-1 % in this range), 5 mm Thick, damage treshold 7.5 J/cm2 (532 nm, 10 ns, 10 Hz, Ø0.491 mm), Surface Flatnessλ/8 @ 633 nm Over the Clear Apertur.
102	beam sampler near-IR, 0,5 % sample	beam sampler - wedge, Ø1 inch, 650-1050 coated (refletance 0,4-0,7 % in this range), 5 mm Thick, damage treshold 7.5 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.491 mm), Surface Flatnessλ/8 @ 633 nm Over the Clear Apertur.	4	1 426,00 Kč	299,46 Kč	1 725,46 Kč	5 704,00 Kč	1 197,84 Kč	6 901,84 Kč	Thorlabs	BSF10-B	BSF10-B beam sampler - wedge, Ø1 inch, 650-1050 coated (refletance 0,4-0,7 % in this range), 5 mm Thick, damage treshold 7.5 J/cm2 (810 nm, 10 ns, 10 Hz, Ø0.491 mm), Surface Flatnessλ/8 @ 633 nm Over the Clear Apertur.

103	variable circuler continuous ND filter 100 mm max OD 4	Circular, Continuously Variable, Reflective Neutral Density Filter for atenuation via rotation, diameter 100 mm, Optical density range 0-4, Optical Density Tolerance ±5 % (At Both Extremes) , mounted (on rotation axis attatched to 1/2 inch post), Spectral Range 240 - 1200 nm (uncoated).	6	10 560,00 Kč	2 217,60 Kč	12 777,60 Kč	63 360,00 Kč	13 305,60 Kč	76 665,60 Kč	Newport	100FS04DV.4 + FR-CV-75	100FS04DV.4 + FR-CV-75 Circular, Continuously Variable, Reflective Neutral Density Filter for atenuation via rotation, diameter 100 mm, Optical density range 0-4, Optical Density Tolerance ±5 % (At Both Extremes) , mounted (on rotation axis attatched to 1/2 inch post), Spectral Range 240 - 1200 nm (uncoated).
104	variable circuler continuous ND filter 100 mm max OD 2	Circular, Continuously Variable, Reflective Neutral Density Filter for atenuation via rotation, diameter 100 mm, Optical density range 0-2, Optical Density Tolerance ±5 % (At Both Extremes) , mounted (on rotation axis attatched to 1/2 inch post), Spectral Range 240 - 1200 nm (uncoated).	6	10 560,00 Kč	2 217,60 Kč	12 777,60 Kč	63 360,00 Kč	13 305,60 Kč	76 665,60 Kč	Newport	100FS02DV.2	100FS02DV.2 Circular, Continuously Variable, Reflective Neutral Density Filter for atenuation via rotation, diameter 100 mm, Optical density range 0-2, Optical Density Tolerance ±5 % (At Both Extremes) , mounted (on rotation axis attatched to 1/2 inch post), Spectral Range 240 - 1200 nm (uncoated).
105	variable circuler continuous ND filter 50 mm max OD 2	Circular, Continuously Variable, Reflective Neutral Density Filter for atenuation via rotation, diameter 50 mm, Optical density range 0-4, Optical Density Tolerance ±5 % (At Both Extremes) , mounted (on rotation axis attatched to 1/2 inch post), Spectral Range 240 - 1200 nm (uncoated).	3	8 181,00 Kč	1 718,01 Kč	9 899,01 Kč	24 543,00 Kč	5 154,03 Kč	29 697,03 Kč	Newport	50FS04DV.4	50FS04DV.4 Circular, Continuously Variable, Reflective Neutral Density Filter for atenuation via rotation, diameter 50 mm, Optical density range 0-4, Optical Density Tolerance ±5 % (At Both Extremes) , mounted (on rotation axis attatched to 1/2 inch post), Spectral Range 240 - 1200 nm (uncoated).
106	Continuously Variable ND Filter, 25 mm x 100 mm, OD: 0.04 - 2.0	Continuously Variable ND Filter, 25 x 100 mm, linear distribution OD: 0.04 - 2.0, Optical Density Tolerance ±5 % (At Both Extremes) , Spectral Range 240 - 1200 nm (uncoated).	2	2 326,00 Kč	488,46 Kč	2 814,46 Kč	4 652,00 Kč	976,92 Kč	5 628,92 Kč	Thorlabs	NDL-25C-2	NDL-25C-2 Continuously Variable ND Filter, 25 x 100 mm, linear distribution OD: 0.04 - 2.0, Optical Density Tolerance ±5 % (At Both Extremes) , Spectral Range 240 - 1200 nm (uncoated).
107	reflective ND filter OD=1	Ø1 inch unmounted UV Fused Silica Reflective ND Filters Optical density = 1, Substrate Material UV-Fused Silica, Spectral Range 200 - 1200 nm, Thickness 1 mm, Surface Accuracy @ 633 nm < 5 λ.	3	1 099,00 Kč	230,79 Kč	1 329,79 Kč	3 297,00 Kč	692,37 Kč	3 989,37 Kč	Thorlabs	NDUV10B	NDUV10B Ø1 inch unmounted UV Fused Silica Reflective ND Filters Optical density = 1, Substrate Material UV-Fused Silica, Spectral Range 200 - 1200 nm, Thickness 1 mm, Surface Accuracy @ 633 nm < 5 λ.
108	lens achromatic f=60mm	unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5 % reflectance), f=60 mm, focal length shift in 650-1050 nm range < 0.3 mm.	2	1 988,00 Kč	417,48 Kč	2 405,48 Kč	3 976,00 Kč	834,96 Kč	4 810,96 Kč	Thorlabs	AC254-060-B	AC254-060-B unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5 % reflectance), f=60 mm, focal length shift in 650-1050 nm range < 0.3 mm.
109	lens achromatic f=500mm	unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5 % reflectance), f=500 mm, focal length shift in 650-1050 nm range < 0.3 mm.	2	1 988,00 Kč	417,48 Kč	2 405,48 Kč	3 976,00 Kč	834,96 Kč	4 810,96 Kč	Thorlabs	AC254-500-B	AC254-500-B unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5 % reflectance), f=500 mm, focal length shift in 650-1050 nm range < 0.3 mm.
110	lens achromatic f=200mm	unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 486.1 nm, 587.6 nm, and 656.3 nm, AR coating for 400-700 nm (les than 0.5% reflectance), f=500 mm, focal length shift in 450-700 nm range < 0.3 mm.	2	1 707,00 Kč	358,47 Kč	2 065,47 Kč	3 414,00 Kč	716,94 Kč	4 130,94 Kč	Thorlabs	AC254-200-A	AC254-200-A unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 486.1 nm, 587.6 nm, and 656.3 nm, AR coating for 400-700 nm (les than 0.5% reflectance), f=500 mm, focal length shift in 450-700 nm range < 0.3 mm.
111	compresor grating 1200 g/mm	compresor grating golden 1200 groves/mm, diameter 50x50x10, NIR (800 nm optimized), Expected efficiency (TM/-1) @ Dev 8 deg > 90 %.	2	27 875,00 Kč	5 853,75 Kč	33 728,75 Kč	55 750,00 Kč	11 707,50 Kč	67 457,50 Kč	Spectrogon	715.700.640	715.700.640 compresor grating golden 1200 groves/mm, diameter 50x50x10, NIR (800 nm optimized), Expected efficiency (TM/-1) @ Dev 8 deg > 90 %.

112	Ruled Reflective Grating, 400nm blaze, 1200g/mm	Ruled Reflective Grating, 400 nm blaze, 1200 g/mm, 25 x 25 x 6 mm (+- 1 mm), efficiency at 400 nm > 65 %.	2	2 442,00 Kč	512,82 Kč	2 954,82 Kč	4 884,00 Kč	1 025,64 Kč	5 909,64 Kč	Thorlabs	GR25-1204	GR25-1204 Ruled Reflective Grating, 400 nm blaze, 1200 g/mm, 25 x 25 x 6 mm (+- 1 mm), efficiency at 400 nm > 65 %.
113	UV Reflective Holographic Grating, 1800g/mm	UV Reflective Holographic Grating, 1800/mm, 25 x 25 x 6 mm (+- 1 mm), efficiency at 260-295 nm > 60 %.	2	3 047,00 Kč	639,87 Kč	3 686,87 Kč	6 094,00 Kč	1 279,74 Kč	7 373,74 Kč	Thorlabs	GH25-18H	GH25-18H UV Reflective Holographic Grating, 1800/mm, 25 x 25 x 6 mm (+- 1 mm), efficiency at 260-295 nm > 60 %.
114	2700 g/mm plane ruled reflection grating with 20° nominal blaze angle, optimized for 259 nm	2700 g/mm plane ruled reflection grating with 20° nominal blaze angle, optimized for 259 nm, groove length: 102 mm ruled width: 34 mm, efficiendy at 259 nm >80 %.	1	120 375,00 Kč	25 278,75 Kč	145 653,75 Kč	120 375,00 Kč	25 278,75 Kč	145 653,75 Kč	Newport Richardson Gratings	53-*-021R	53-*-021R 2700 g/mm plane ruled reflection grating with 20° nominal blaze angle, optimized for 259 nm, groove length: 102 mm ruled width: 34 mm, efficiendy at 259 nm >80 %.
115	Visible Interference Bandpass Filter Kit (10 nm FWHM), Mounted, Set of 10	Visible Bandpass Filter Kit (10 nm FWHM), Mounted,Ø1", Minimum Clear Aperture Ø21 mm, Thickness < 6.3 mm, minimal transmission at center 35 %, Out of Band Transmission <0.01% from 200 nm to 3.0 µm, Set of 10: 350 nm, 400 nm, 450 nm, 500 nm, 550 nm, 600 nm, 650 nm, 700 nm, 750 nm, 800 nm.	1	21 677,00 Kč	4 552,17 Kč	26 229,17 Kč	21 677,00 Kč	4 552,17 Kč	26 229,17 Kč	Thorlabs	FKB-VIS-10	FKB-VIS-10 Visible Bandpass Filter Kit (10 nm FWHM), Mounted,Ø1", Minimum Clear Aperture Ø21 mm, Thickness < 6.3 mm, minimal transmission at center 35 %, Out of Band Transmission <0.01% from 200 nm to 3.0 µm, Set of 10: 350 nm, 400 nm, 450 nm, 500 nm, 550 nm, 600 nm, 650 nm, 700 nm, 750 nm, 800 nm.
116	Ø25 mm Colored Glass Filter Kit, Set of 10	Ø25 mm Colored Glass Filter Kit, Set of 10: 400 nm Longpass, 495 nm Longpass, 550 nm Longpass, 610 nm Longpass, 715 nm Longpass, 780 nm Longpass, 850 nm Longpass, 315 - 710 nm Bandpass, 335 - 610 nm Bandpass, 325 - 385 nm Bandpass.	1	9 854,00 Kč	2 069,34 Kč	11 923,34 Kč	9 854,00 Kč	2 069,34 Kč	11 923,34 Kč	Thorlabs	FGK01	FGK01 Ø25 mm Colored Glass Filter Kit, Set of 10: 400 nm Longpass, 495 nm Longpass, 550 nm Longpass, 610 nm Longpass, 715 nm Longpass, 780 nm Longpass, 850 nm Longpass, 315 - 710 nm Bandpass, 335 - 610 nm Bandpass, 325 - 385 nm Bandpass.
117	Ø25 mm Colored Glass Filter Kit, Set of 10	Ø25 mm Colored Glass Filter Kit, Set of 10: 400 nm Longpass, 495 nm Longpass, 550 nm Longpass, 610 nm Longpass, 715 nm Longpass, 780 nm Longpass, 850 nm Longpass, 315 - 710 nm Bandpass, 335 - 610 nm Bandpass, 325 - 385 nm Bandpass.	1	9 854,00 Kč	2 069,34 Kč	11 923,34 Kč	9 854,00 Kč	2 069,34 Kč	11 923,34 Kč	Thorlabs	FGK01	FGK01 Ø25 mm Colored Glass Filter Kit, Set of 10: 400 nm Longpass, 495 nm Longpass, 550 nm Longpass, 610 nm Longpass, 715 nm Longpass, 780 nm Longpass, 850 nm Longpass, 315 - 710 nm Bandpass, 335 - 610 nm Bandpass, 325 - 385 nm Bandpass.
118	Ø25 mm reflective ND filter kit, set of 10	Ø25 mm reflective ND filter kit, Box with 10 UVFS (substrate transmission 200- 1100 nm) Reflective Ø25 mm mounted ND Filters, inclooded OD: 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 1.0, 2.0, 3.0, 4.0.	1	14 724,00 Kč	3 092,04 Kč	17 816,04 Kč	14 724,00 Kč	3 092,04 Kč	17 816,04 Kč	Thorlabs	NUK01	NUK01 Ø25 mm reflective ND filter kit, Box with 10 UVFS (substrate transmission 200- 1100 nm) Reflective Ø25 mm mounted ND Filters, inclooded OD: 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 1.0, 2.0, 3.0, 4.0.
119	Ø1" Bandpass Filter, CWL = 350 ± 2 nm, FWHM = 10 ± 2 nm	Ø1" Bandpass Filter, CWL = 350 ± 2 nm, FWHM = 10 ± 2 nm, min Transmission 25 %, blocking 200-3000 nm OD > 4.	1	3 070,00 Kč	644,70 Kč	3 714,70 Kč	3 070,00 Kč	644,70 Kč	3 714,70 Kč	Thorlabs	FB350-10	FB350-10 Ø1" Bandpass Filter, CWL = 350 ± 2 nm, FWHM = 10 ± 2 nm, min Transmission 25 %, blocking 200-3000 nm OD > 4.
120	Ø25 mm interference notch filter, center 808 nm	Ø25 mm interference notch filter, dimension 25 x 3,5 mm, center 808 nm, out of the notch transmission > 90 % for 400 -1550 nm, at 808 nm (notch) OD > 5, Typical Notch Bandwidth = 41 nm.	1	19 805,00 Kč	4 159,05 Kč	23 964,05 Kč	19 805,00 Kč	4 159,05 Kč	23 964,05 Kč	Semrock	NF03-808E-25	NF03-808E-25 Ø25 mm interference notch filter, dimension 25 x 3,5 mm, center 808 nm, out of the notch transmission > 90 % for 400 -1550 nm, at 808 nm (notch) OD > 5, Typical Notch Bandwidth = 41 nm.
121	Ø25 mm interference 266 nm laser clean-up filter	Ø25 mm interference 266 nm laser clean-up filter, dimension 25 x 3,5 mm, FWHM of 2.4 nm (maximum), transmmission at 266 > 50 %.	1	14 297,00 Kč	3 002,37 Kč	17 299,37 Kč	14 297,00 Kč	3 002,37 Kč	17 299,37 Kč	Semrock	LL01-266-25	LL01-266-25 Ø25 mm interference 266 nm laser clean-up filter, dimension 25 x 3,5 mm, FWHM of 2.4 nm (maximum), transmmission at 266 > 50 %.
122	Ø25 mm interference 266 nm locking edge long-pass filter	Ø25 mm interference 266 nm locking edge long-pass filter, OD > 2 below 270 nm, OD > 3 below 267 nm, transmission above 275 nm > 90 %.	1	24 023,00 Kč	5 044,83 Kč	29 067,83 Kč	24 023,00 Kč	5 044,83 Kč	29 067,83 Kč	Semrock	LP02-266RU-25	LP02-266RU-25 Ø25 mm interference 266 nm locking edge long-pass filter, OD > 2 below 270 nm, OD > 3 below 267 nm, transmission above 275 nm > 90 %.

123	Kinematic Mount with Vertical Drive, Ø25.4 mm	Kinematic Mount with Vertical Drive (all of the adjusters outside of the optical path), for hosting optic Ø25.4 mm, min 3 mm thkness, Total Angular Range of ±3°, 0.25° per Revolution Adjustment.	10	3 535,00 Kč	742,35 Kč	4 277,35 Kč	35 350,00 Kč	7 423,50 Kč	42 773,50 Kč	Thorlabs	VM1/M	VM1/M Kinematic Mount with Vertical Drive (all of the adjusters outside of the optical path), for hosting optic Ø25.4 mm, min 3 mm thkness, Total Angular Range of ±3°, 0.25° per Revolution Adjustment.
124	1" Low Drift Kinematic Mirror mount	Low Drift Mirror Mount, 3 Adjusters for hosting Ø 1 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven , Less than 2 µrad Deviation after Temperature Cycling.	10	3 192,00 Kč	670,32 Kč	3 862,32 Kč	31 920,00 Kč	6 703,20 Kč	38 623,20 Kč	Newport	SN100C-F3H	SN100C-F3H Low Drift Mirror Mount, 3 Adjusters for hosting Ø 1 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven , Less than 2 µrad Deviation after Temperature Cycling.
125	2" Low Drift Kinematic Mirror mount	Low Drift Mirror Mount, 3 Adjusters for hosting Ø 2 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven , Less than 2 µrad Deviation after Temperature Cycling.	10	5 222,00 Kč	1 096,62 Kč	6 318,62 Kč	52 220,00 Kč	10 966,20 Kč	63 186,20 Kč	Newport	SN200-F	SN200-F Low Drift Mirror Mount, 3 Adjusters for hosting Ø 2 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven , Less than 2 µrad Deviation after Temperature Cycling.
126	Low-Profile Compact Kinematic Mirror Mount	Low-Profile Compact Kinematic Mirror Mount (max overall volume: 25.4 x 28.7 x 20.1 mm) for hosting Ø 1 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven.	10	1 132,00 Kč	237,72 Kč	1 369,72 Kč	11 320,00 Kč	2 377,20 Kč	13 697,20 Kč	Newport	M-P100-P-H	M-P100-P-H Low-Profile Compact Kinematic Mirror Mount (max overall volume: 25.4 x 28.7 x 20.1 mm) for hosting Ø 1 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven.
127	High-Precision Rotation Mount with Polarizing Prism Mount, Metric	Ø1" High-Precision Rotation Mount with Polarizing Prism Mount, Metric, for 8 mm and 10 mm Polarizing Prisms, 360° Continuous Coarse Rotation, ±7° of Micrometer-Driven Fine Rotation, Vernier Scale with Two Resolution Options, 5 arcmin resolution.	4	7 233,00 Kč	1 518,93 Kč	8 751,93 Kč	28 932,00 Kč	6 075,72 Kč	35 007,72 Kč	Thorlabs	PRM1GL10/M	PRM1GL10/M Ø1" High-Precision Rotation Mount with Polarizing Prism Mount, Metric, for 8 mm and 10 mm Polarizing Prisms, 360° Continuous Coarse Rotation, ±7° of Micrometer-Driven Fine Rotation, Vernier Scale with Two Resolution Options, 5 arcmin resolution.
128	Lens Tube Mount for 15 mm Mounted Polarizing Prisms	Ø1" Lens Tube Mount for 15 mm Mounted Polarizing Prisms.	1	1 416,00 Kč	297,36 Kč	1 713,36 Kč	1 416,00 Kč	297,36 Kč	1 713,36 Kč	Thorlabs	SM1PM15	SM1PM15 Ø1" Lens Tube Mount for 15 mm Mounted Polarizing Prisms.
129	Lens Tube Mount for 8 or 10 mm Mounted Polarizing Prisms	Ø1" Lens Tube Mount for 8 mm and 10 mm Mounted Polarizing Prisms.	3	1 172,00 Kč	246,12 Kč	1 418,12 Kč	3 516,00 Kč	738,36 Kč	4 254,36 Kč	Thorlabs	SM1PM10	SM1PM10 Ø1" Lens Tube Mount for 8 mm and 10 mm Mounted Polarizing Prisms.
130	Mount for rectangular optics	Kinematic Mount (+-4% adjustable tip/tilt) for hosting 2" (50.8 mm) Tall Rectangular Optics of thickness 3 -10 mm.	4	3 192,00 Kč	670,32 Kč	3 862,32 Kč	12 768,00 Kč	2 681,28 Kč	15 449,28 Kč	Newport	CYM-2R	CYM-2R Kinematic Mount (+-4% adjustable tip/tilt) for hosting 2" (50.8 mm) Tall Rectangular Optics of thickness 3 -10 mm.
131	3" Precision Kinematic Mirror mount	Precision Mirror Mount, 2 Adjusters for hosting Ø3 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven, Angular Adjustment ±4º , 5.0 mrad/rev resolution.	4	4 771,00 Kč	1 001,91 Kč	5 772,91 Kč	19 084,00 Kč	4 007,64 Kč	23 091,64 Kč	Newport	U300-A	U300-A Precision Mirror Mount, 2 Adjusters for hosting Ø3 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven, Angular Adjustment ±4º , 5.0 mrad/rev resolution.
132	4" Precision Kinematic Mirror mount	Precision Mirror Mount, 2 Adjusters for hosting Ø4 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven, Angular Adjustment ±4º .	2	8 833,00 Kč	1 854,93 Kč	10 687,93 Kč	17 666,00 Kč	3 709,86 Kč	21 375,86 Kč	Thorlabs	KS4	KS4 Precision Mirror Mount, 2 Adjusters for hosting Ø4 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven, Angular Adjustment ±4º .
133	25 mm XYZ Translation Stage	25 mm XYZ Translation Stage with Standard Micrometers, M6 Taps, Resolution: 500 µm Translation per Revolution.	4	27 824,00 Kč	5 843,04 Kč	33 667,04 Kč	111 296,00 Kč	23 372,16 Kč	134 668,16 Kč	Newport	M-460P-XYZ	M-460P-XYZ 25 mm XYZ Translation Stage with Standard Micrometers, M6 Taps, Resolution: 500 µm Translation per Revolution.

134	1" lens optics mount for quick release	Optics Mount 1" with Quick Release Mounting Carriage - magnetic coupling (mount has a post mountated back plate to which a removable mounting carriage for hosting Ø1 inch optics (suhc as lense) can be magnetically coupled), Max Optic Thickness 0.35" (8.9 mm), Repeatability 1 µm.	30	1 116,00 Kč	234,36 Kč	1 350,36 Kč	33 480,00 Kč	7 030,80 Kč	40 510,80 Kč	Thorlabs	KB1P/M	KB1P/M Optics Mount 1" with Quick Release Mounting Carriage - magnetic coupling (mount has a post mountated back plate to which a removable mounting carriage for hosting Ø1 inch optics (suhc as lense) can be magnetically coupled), Max Optic Thickness 0.35" (8.9 mm), Repeatability 1 µm.
135	magnetic base, top plate	top plate for kinematic base, 25 x 25 mm, M4 counterbore.	30	928,00 Kč	194,88 Kč	1 122,88 Kč	27 840,00 Kč	5 846,40 Kč	33 686,40 Kč	Thorlabs	KBT25/M	KBT25/M top plate for kinematic base, 25 x 25 mm, M4 counterbore.
136	spanner wrench for 1" retaining rings	Spanner Wrenche for installing and adjusting retaining rings for Ø1" Lens Tubes and Mounts.	2	580,00 Kč	121,80 Kč	701,80 Kč	1 160,00 Kč	243,60 Kč	1 403,60 Kč	Newport	LT10-WR	LT10-WR Spanner Wrenche for installing and adjusting retaining rings for Ø1" Lens Tubes and Mounts.
137	Right-Angle Clamp for Ø1/2" Posts	Right-Angle Clamp for Ø1/2" Posts, 5 mm Hex (lockable clamp for mounting two posts together perpendicularly).	20	267,00 Kč	56,07 Kč	323,07 Kč	5 340,00 Kč	1 121,40 Kč	6 461,40 Kč	Newport	CA-1	CA-1 Right-Angle Clamp for Ø1/2" Posts, 5 mm Hex (lockable clamp for mounting two posts together perpendicularly).
138	Single Axis Translation Stage, 50 mm	Translation Stages should provide 2" (50.8 mm) travel on axis and feature a mounting surface of minimal diameter: 3.75 x 3.75" (95 x 95 mm) with 1/4"-20 (M6) tapped mounting holes, Angular Deviation <2 mrad, Coarse Thread Pitch 18 TPI, Fine Adjustment Thread Pitch 100 TPI.	9	8 326,00 Kč	1 748,46 Kč	10 074,46 Kč	74 934,00 Kč	15 736,14 Kč	90 670,14 Kč	Thorlabs	LT1/M	LT1/M Translation Stages should provide 2" (50.8 mm) travel on axis and feature a mounting surface of minimal diameter: 3.75 x 3.75" (95 x 95 mm) with 1/4"-20 (M6) tapped mounting holes, Angular Deviation <2 mrad, Coarse Thread Pitch 18 TPI, Fine Adjustment Thread Pitch 100 TPI.
139	adjustable mirror delay line mount kit	Adjustable Mirror Mount Kit for Optical Delay Line (two orthogonal surfaces for mounting pair of standard mirrors (up to 2") into a roof structure, allowing an input optical beam to be reflected back, parallel to itself,wiht maximal deviation 30 arc sec.), mounteble directly via a centralized hole counterbored for (M6) cap head.	5	3 192,00 Kč	670,32 Kč	3 862,32 Kč	15 960,00 Kč	3 351,60 Kč	19 311,60 Kč	Newport	9848	9848 Adjustable Mirror Mount Kit for Optical Delay Line (two orthogonal surfaces for mounting pair of standard mirrors (up to 2") into a roof structure, allowing an input optical beam to be reflected back, parallel to itself,wiht maximal deviation 30 arc sec.), mounteble directly via a centralized hole counterbored for (M6) cap head.
140	5-Axis Kinematic Mount Ø1" optics	5-Axis Kinematic Mount Ø1" optics, Five Axes of Lockable Adjustment: Pitch/Yaw: ±4° at 8 mrad/rev, X and Y translation: ±0.04" (±1.0 mm) at 254.0 µm/rev, Z translation: ±0.13" (±3.2 mm), SM1-Threaded (1.035"-40) Bore for Ø1" (25.4 mm) Optics up to 0.38" (9.5 mm) Thick, Two #8 (M4) Counterbores for Post Mounting.	4	5 395,00 Kč	1 132,95 Kč	6 527,95 Kč	21 580,00 Kč	4 531,80 Kč	26 111,80 Kč	Thorlabs	K5X1	K5X1 5-Axis Kinematic Mount Ø1" optics, Five Axes of Lockable Adjustment: Pitch/Yaw: ±4° at 8 mrad/rev, X and Y translation: ±0.04" (±1.0 mm) at 254.0 µm/rev, Z translation: ±0.13" (±3.2 mm), SM1-Threaded (1.035"-40) Bore for Ø1" (25.4 mm) Optics up to 0.38" (9.5 mm) Thick, Two #8 (M4) Counterbores for Post Mounting.
141	spectrometer 200-1080 nm	spectrometer, spectral range 200-1080 nm, integration time 1 ms - 65 s, spectral resolution <= 1.5 nm, fiber optic input, USB interface.	2	113 879,00 Kč	23 914,59 Kč	137 793,59 Kč	227 758,00 Kč	47 829,18 Kč	275 587,18 Kč	Ocean Optics	HR2000+ s příslušenstvím	HR2000+ s příslušenstvím spectrometer, spectral range 200-1080 nm, integration time 1 ms - 65 s, spectral resolution <= 1.5 nm, fiber optic input, USB interface.
142	Plano-Concave Cylindrical Lens f=-50	Plano-Concave Cylindrical Lens , f=-50 mm, H=30 mm, L=32 mm, N-BK7 AR Coating: 650-1050 nm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Concave Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	1	15 280,00 Kč	3 208,80 Kč	18 488,80 Kč	15 280,00 Kč	3 208,80 Kč	18 488,80 Kč	Laser Components	BBAR/BBAR-D RCC32-30-25.8C	BBAR/BBAR-D RCC32-30-25.8C Plano-Concave Cylindrical Lens , f=-50 mm, H=30 mm, L=32 mm, N-BK7 AR Coating: 650-1050 nm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Concave Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.

143	Plano-Convex Cylindrical Lens f=100	Plano-Convex Cylindrical Lens, f = 100.00 mm, H = 30.00 mm, L = 32.0 mm, N-BK7 AR Coating: 650-1050 nm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	1	15 280,00 Kč	3 208,80 Kč	18 488,80 Kč	15 280,00 Kč	3 208,80 Kč	18 488,80 Kč	Laser Components	BBAR/BBAR-D RCX32-30-51.5C	BBAR/BBAR-D RCX32-30-51.5C Plano-Convex Cylindrical Lens, f = 100.00 mm, H = 30.00 mm, L = 32.0 mm, N-BK7 AR Coating: 650-1050 nm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Convex Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
144	lens achromatic f=100mm	unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5% reflectance), f=100 mm, focal length shift in 650-1050 nm range < 0.3 mm.	1	1 988,00 Kč	417,48 Kč	2 405,48 Kč	1 988,00 Kč	417,48 Kč	2 405,48 Kč	Thorlabs	AC254-100-B	AC254-100-B unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5% reflectance), f=100 mm, focal length shift in 650-1050 nm range < 0.3 mm.
145	lens achromatic f=200mm	unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5 % reflectance), f=200 mm, focal length shift in 650-1050 nm range < 0.3 mm.	1	1 988,00 Kč	417,48 Kč	2 405,48 Kč	1 988,00 Kč	417,48 Kč	2 405,48 Kč	Thorlabs	AC254-200-B	AC254-200-B unmounted achromatic dublets (lense), Ø25.4 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5 % reflectance), f=200 mm, focal length shift in 650-1050 nm range < 0.3 mm.
146	SM1-Mounted Achromatic Half-Wave Plate	Ø1" Zero-Order Half-Wave Plate, 808 nm, Beam Deviation <10 arcsec, Surface Quality 20-10 SD, SM1-Threaded Mount.	1	11 932,00 Kč	2 505,72 Kč	14 437,72 Kč	11 932,00 Kč	2 505,72 Kč	14 437,72 Kč	Thorlabs	WPH10M-808	WPH10M-808 Ø1" Zero-Order Half-Wave Plate, 808 nm, Beam Deviation <10 arcsec, Surface Quality 20-10 SD, SM1-Threaded Mount.
147	Off-Axis Parabolic Mirror, Protected Silver f=4"	Off-axis parabolic mirror, 2 inch diameter, Protected Silver, reflected focal length 4", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.	1	7 907,00 Kč	1 660,47 Kč	9 567,47 Kč	7 907,00 Kč	1 660,47 Kč	9 567,47 Kč	Thorlabs	MPD249-P01	MPD249-P01 Off-axis parabolic mirror, 2 inch diameter, Protected Silver, reflected focal length 4", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
148	Off-Axis Parabolic Mirror, Protected Silver f=6"	Off-axis parabolic mirror, 2 inch diameter, Protected Silver, reflected focal length 6", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.	2	7 907,00 Kč	1 660,47 Kč	9 567,47 Kč	15 814,00 Kč	3 320,94 Kč	19 134,94 Kč	Thorlabs	MPD269-P01	MPD269-P01 Off-axis parabolic mirror, 2 inch diameter, Protected Silver, reflected focal length 6", off-axis angle 90 deg, surface flatness λ/4, surface quality 40-20 scratch-dig, damage threshold 0.3 J/cm2 at 355 nm, 10 ns, 10 Hz.
149	pyroeletric detector	Pyroelectric sensors for the application in the range from 10 µm to 3000 µm (frequency 0.1 - 30 THz); Effective aperture: min. 5 mm diameter, Max. measurable power 140µW.	1	28 560,00 Kč	5 997,60 Kč	34 557,60 Kč	28 560,00 Kč	5 997,60 Kč	34 557,60 Kč	Laser Components	THZ5I-BL-BNC	THZ5I-BL-BNC Pyroelectric sensors for the application in the range from 10 µm to 3000 µm (frequency 0.1 - 30 THz); Effective aperture: min. 5 mm diameter, Max. measurable power 140 µW.
150	lens achromatic f=75mm	unmounted achromatic dublets (lense), Ø50.8 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5 % reflectance), f=75 mm, focal length shift in 650-1050 nm range < 0.3 mm.	1	3 000,00 Kč	630,00 Kč	3 630,00 Kč	3 000,00 Kč	630,00 Kč	3 630,00 Kč	Thorlabs	AC508-075-B	AC508-075-B unmounted achromatic dublets (lense), Ø50.8 mm, Design Wavelengths 706.5 nm, 855 nm, and 1015 nm,AR coating for 650-1050 nm (les than 0.5 % reflectance), f=75 mm, focal length shift in 650-1050 nm range < 0.3 mm.
151	Plano-Concave Cylindrical Lens f=150	Plano-Concave Cylindrical Lens , f=150 mm, H=100 mm, L=90 mm, N-BK7 AR Coating: 650-1050 nm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Concave Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	1	23 962,00 Kč	5 032,02 Kč	28 994,02 Kč	23 962,00 Kč	5 032,02 Kč	28 994,02 Kč	Laser Components	BBAR/BBAR-D RCC90-100-77.3C	BBAR/BBAR-D RCC90-100-77.3C Plano-Concave Cylindrical Lens , f=150 mm, H=100 mm, L=90 mm, N-BK7 AR Coating: 650-1050 nm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Concave Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.

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152	Plano-Concave Cylindrical Lens f=300	Plano-Concave Cylindrical Lens , f=300 mm, H=60 mm, L=62 mm, N-BK7 AR Coating: 650-1050 nm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Concave Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.	1	26 532,00 Kč	5 571,72 Kč	32 103,72 Kč	26 532,00 Kč	5 571,72 Kč	32 103,72 Kč	Laser Components	BBAR/BBAR-D RCC62-60-154.4C	BBAR/BBAR-D RCC62-60-154.4C Plano-Concave Cylindrical Lens , f=300 mm, H=60 mm, L=62 mm, N-BK7 AR Coating: 650-1050 nm, Surface Flatness (Plano Side) λ/2, Spherical Surface Power (Concave Side) 3λ/2, Surface Irregularity (Peak to Valley) λ/4.
153	kinematic prism mount	Kinematic Prism Mount, For mounting of prism min. 20 x 20 x 10 mm, ±4° of Fine Tip and Tilt Control, 8 mrad Adjustment per Revolution, Mounting Platform with M4 tapped holes.	1	1 811,00 Kč	380,31 Kč	2 191,31 Kč	1 811,00 Kč	380,31 Kč	2 191,31 Kč	Thorlabs	KM100PM/M	KM100PM/M Kinematic Prism Mount, For mounting of prism min. 20 x 20 x 10 mm, ±4° of Fine Tip and Tilt Control, 8 mrad Adjustment per Revolution, Mounting Platform with M4 tapped holes.
154	arm for prism mount	Clamping Arm, M4 Threaded Post, Accommodates optics up to 40.9 mm, 29.3 mm center-to-center distance between the post and the nylon-tipped setscrew.	1	510,00 Kč	107,10 Kč	617,10 Kč	510,00 Kč	107,10 Kč	617,10 Kč	Thorlabs	PM4/M	PM4/M Clamping Arm, M4 Threaded Post, Accommodates optics up to 40.9 mm, 29.3 mm center-to-center distance between the post and the nylon-tipped setscrew.
155	kinematic grating mount	Compatible with Ø1" Mirror Mounts, Kinematic Grating Mount Adapter, Grating Height: 20-40 mm Accommodates Gratings up to 60 mm Tall Spring-Loaded Clamping Design Top-Located Locking Setscrew.	1	3 000,00 Kč	630,00 Kč	3 630,00 Kč	3 000,00 Kč	630,00 Kč	3 630,00 Kč	Thorlabs	KGM40	KGM40 Compatible with Ø1" Mirror Mounts, Kinematic Grating Mount Adapter, Grating Height: 20-40 mm Accommodates Gratings up to 60 mm Tall Spring-Loaded Clamping Design Top-Located Locking Setscrew.
156	1" Low Drift Kinematic Mirror mount	Low Drift Mirror Mount, 3 Adjusters for hosting Ø 1 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven , Less than 2 µrad Deviation after Temperature Cycling.	1	3 192,00 Kč	670,32 Kč	3 862,32 Kč	3 192,00 Kč	670,32 Kč	3 862,32 Kč	Newport	SN100C-F3H	SN100C-F3H Low Drift Mirror Mount, 3 Adjusters for hosting Ø 1 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven , Less than 2 µrad Deviation after Temperature Cycling.
157	Fixed Cylindrical Lens Mount	Fixed Cylindrical Lens Mount, Two rubber-lined arms mount for a cylindrical lens for the optic height range of 0 mm to 66.0 mm.	3	1 484,00 Kč	311,64 Kč	1 795,64 Kč	4 452,00 Kč	934,92 Kč	5 386,92 Kč	Thorlabs	CH2B	CH2B Fixed Cylindrical Lens Mount, Two rubber-lined arms mount for a cylindrical lens for the optic height range of 0 mm to 66.0 mm.
158	Kinematic Rotation Mount for Ø1" Optics	Kinematic rotation mount with kinematic angular adjustment and rotation in one mount, 1/4"-80 lockable adjusters for ±4° of angular adjustment, engraved rotation scale with 2° graduations, 360° rotation, SM1-Threaded Rotation Ring with Locking Screw.	2	5 774,00 Kč	1 212,54 Kč	6 986,54 Kč	11 548,00 Kč	2 425,08 Kč	13 973,08 Kč	Newport	M1-1PR	M1-1PR Kinematic rotation mount with kinematic angular adjustment and rotation in one mount, 1/4"-80 lockable adjusters for ±4° of angular adjustment, engraved rotation scale with 2° graduations, 360° rotation, SM1-Threaded Rotation Ring with Locking Screw.
159	2" Precision Kinematic Mirror mount	Precision Mirror Mount, 2 Adjusters for hosting Ø2 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven, Angular Adjustment ±4°.	5	3 859,00 Kč	810,39 Kč	4 669,39 Kč	19 295,00 Kč	4 051,95 Kč	23 346,95 Kč	Newport	U200-A2H	U200-A2H Precision Mirror Mount, 2 Adjusters for hosting Ø2 inch optics, M4 taps for post mounting,tip/tilt 5/64" Balldriver driven, Angular Adjustment ±4°.
160	Lens Mount with Retaining Ring	Fixed lens mount for 2" optics, M4 tapped, Includes Compatible Retaining Ring.	1	609,00 Kč	127,89 Kč	736,89 Kč	609,00 Kč	127,89 Kč	736,89 Kč	Newport	M-LH-2A	M-LH-2A Fixed lens mount for 2" optics, M4 tapped, Includes Compatible Retaining Ring.
161	Wollaston Prism	1" Wollaston Prism, 20° at 633 nm Beam Separation, 650-1050 nm AR Coating, diameter 22,6 mm, Transmitted Wavefront Error <λ/4 at 632.8 nm, Surface Quality 20-10 SD.	1	14 391,00 Kč	3 022,11 Kč	17 413,11 Kč	14 391,00 Kč	3 022,11 Kč	17 413,11 Kč	Newport	10WLP08AR.16	10WLP08AR.16 1" Wollaston Prism, 20° at 633 nm Beam Separation, 650-1050 nm AR Coating, diameter 22,6 mm, Transmitted Wavefront Error <λ/4 at 632.8 nm, Surface Quality 20-10 SD.
162	1" Zero-Order Quarter-Wave Plate	Ø1" Zero-Order Quarter-Wave Plate, 808 nm, Beam Deviation <10 arcsec, Surface Quality 20-10 SD, SM1-Threaded Mount.	1	11 698,00 Kč	2 456,58 Kč	14 154,58 Kč	11 698,00 Kč	2 456,58 Kč	14 154,58 Kč	Thorlabs	WPQ10M-808	WPQ10M-808 Ø1" Zero-Order Quarter-Wave Plate, 808 nm, Beam Deviation <10 arcsec, Surface Quality 20-10 SD, SM1-Threaded Mount.

163	preamplified Si-Photodiode	Switchable Gain Detector, 350-1100 nm, Peak Response 0.65 A/W @ 970 nm, Bandwidth Range DC - 10 MHz, Active Area 13 mm2, Gain 8 x 10 dB Steps, 230 VAC.	2	7 302,00 Kč	1 533,42 Kč	8 835,42 Kč	14 604,00 Kč	3 066,84 Kč	17 670,84 Kč	Thorlabs	PDA36A-EC	PDA36A-EC Switchable Gain Detector, 350-1100 nm, Peak Response 0.65 A/W @ 970 nm, Bandwidth Range DC - 10 MHz, Active Area 13 mm2, Gain 8 x 10 dB Steps, 230 VAC.
164	Large-Area Balanced Amplified Photodetectors	Large-Area Balanced Photodetector (pair of sensors acts as a balanced receiver by subtracting the two optical input signals from each other), Si, 320-1060 nm, M4 Taps, Common Mode Rejection Ratio≥ 30 dB, responsivity 0.6 A/W @ 920 nm, active detector diameter 5 mm, included ±12 V DC power supply for 230/115 V AC.	1	22 256,00 Kč	4 673,76 Kč	26 929,76 Kč	22 256,00 Kč	4 673,76 Kč	26 929,76 Kč	Thorlabs	PDB210A/M	PDB210A/M Large-Area Balanced Photodetector (pair of sensors acts as a balanced receiver by subtracting the two optical input signals from each other), Si, 320-1060 nm, M4 Taps, Common Mode Rejection Ratio ≥ 30 dB, responsivity 0.6 A/W @ 920 nm, active detector diameter 5 mm, included ±12 V DC power supply for 230/115 V AC.
165	2" silver mirror	Ø2" (Ø50.8 mm) Protected Silver Mirror, 0.47" (12.0 mm) Thick with Average Reflectance > 97.5 % for 450 nm - 2 µm, Surface Flatness λ/10 @ 633 nm, Parallelism <3 arcmin, Damage Threshold 3 J/cm2 @ 1064 nm, 10 ns, 10 Hz, Ø1.000 mm, Surface Quality 40-20 Scratch-Dig.	4	2 147,00 Kč	450,87 Kč	2 597,87 Kč	8 588,00 Kč	1 803,48 Kč	10 391,48 Kč	Newport	20D620ER.2	20D620ER.2 Ø2" (Ø50.8 mm) Protected Silver Mirror, 0.47" (12.0 mm) Thick with Average Reflectance > 97.5 % for 450 nm - 2 µm, Surface Flatness λ/10 @ 633 nm, Parallelism <3 arcmin, Damage Threshold 3 J/cm2 @ 1064 nm, 10 ns, 10 Hz, Ø1.000 mm, Surface Quality 40-20 Scratch-Dig.
166	Iris 0-25mm	Mounted Zero Aperture Iris, 25.0 mm Max Aperture, Metric , 75 mm post.	1	1 598,00 Kč	335,58 Kč	1 933,58 Kč	1 598,00 Kč	335,58 Kč	1 933,58 Kč	Thorlabs	ID25Z/M	ID25Z/M Mounted Zero Aperture Iris, 25.0 mm Max Aperture, Metric , 75 mm post.
167	Mount for quarter plate	Continuous Rotation Mount for Ø1" Optics with Adjustable Zero, Rotational Position Lockable via Setscrew, M4 tapped hole, Internal SM1 thread.	2	6 233,00 Kč	1 308,93 Kč	7 541,93 Kč	12 466,00 Kč	2 617,86 Kč	15 083,86 Kč	Thorlabs	PRM1/M	PRM1/M Continuous Rotation Mount for Ø1" Optics with Adjustable Zero, Rotational Position Lockable via Setscrew, M4 tapped hole, Internal SM1 thread.
168	1.00" lens tube for prism	Ø1" Stackable Lens Tube, SM1 External Thread, SM1 internal thread, 1.00" Internal Thread Depth, One Retaining Ring Included, 1.15 in (29.2 mm) length.	1	366,00 Kč	76,86 Kč	442,86 Kč	366,00 Kč	76,86 Kč	442,86 Kč	Newport	LT10-10	LT10-10 Ø1" Stackable Lens Tube, SM1 External Thread, SM1 internal thread, 1.00" Internal Thread Depth, One Retaining Ring Included, 1.15 in (29.2 mm) length.
169	Cage-Cube-Mounted Polarizing Beamsplitter Cube	Cage-Cube-Mounted Polarizing Beamsplitter Cube, 620-1000 nm, Transmitted Extinction Ratio: Tp:Ts > 1,000:1 Transmission Efficiency: Tp > 90 % Reflection Efficiency: Rs > 99.5 % Four SM1-Threaded Ports 4-40 Tapped Holes for 30 mm Cage.	1	6 950,00 Kč	1 459,50 Kč	8 409,50 Kč	6 950,00 Kč	1 459,50 Kč	8 409,50 Kč	Thorlabs	CCM1-PBS252/M	CCM1-PBS252/M Cage-Cube-Mounted Polarizing Beamsplitter Cube, 620-1000 nm, Transmitted Extinction Ratio: Tp:Ts > 1,000:1 Transmission Efficiency: Tp > 90 % Reflection Efficiency: Rs > 99.5 % Four SM1-Threaded Ports 4-40 Tapped Holes for 30 mm Cage.
170	1" periscope	complete periscope assembly to redirect and change the height of a beam within an optical system for Ø1" (Ø25.4 mm) optics, 360° continuous rotation with ±4° tip and tilt, 150 mm pilar post.	1	6 488,00 Kč	1 362,48 Kč	7 850,48 Kč	6 488,00 Kč	1 362,48 Kč	7 850,48 Kč	Thorlabs	RS99/M	RS99/M complete periscope assembly to redirect and change the height of a beam within an optical system for Ø1" (Ø25.4 mm) optics, 360° continuous rotation with ±4° tip and tilt, 150 mm pilar post.
171	Free-Space Optical Delay Line Kit, 100 mm Travel, Metric	Free-Space Optical Delay Line Kit, Maximum Optical Delay, Delay Steps as Short as 3.3 fs over a 666.6 ps Range with Pre-Aligned V-Block with Kinematic Adjusters and Iris Slots, 100 mm travel range translation stage, two irises, periscope assembly for Input Beam Height 61.0 mm - 152.4 mm.	1	117 443,00 Kč	24 663,03 Kč	142 106,03 Kč	117 443,00 Kč	24 663,03 Kč	142 106,03 Kč	Thorlabs	ODL100-FS/M	ODL100-FS/M Free-Space Optical Delay Line Kit, Maximum Optical Delay, Delay Steps as Short as 3.3 fs over a 666.6 ps Range with Pre-Aligned V-Block with Kinematic Adjusters and Iris Slots, 100 mm travel range translation stage, two irises, periscope assembly for Input Beam Height 61.0 mm - 152.4 mm.

172	UltraLight High-Stiffness Breadboard	Optical Breadboard 900 x 900 x 25 mm, M6 Taps Max. weight 37 kg, Flatness ±0.15 mm (±0.006") Over Any 0.3 m2, Threads and $pacing: M6 Tapped Holes on 25 mm Centers.	1	29 303,00 Kč	6 153,63 Kč	35 456,63 Kč	29 303,00 Kč	6 153,63 Kč	35 456,63 Kč	Thorlabs	PBG51512	PBG51512 Optical Breadboard 900 x 900 x 25 mm, M6 Taps Max. weight 37 kg, flatness ±0.15 mm (±0.006") Over Any 0.3 m2, Threads and $pacing: M6 Tapped Holes on 25 mm Centers.

Uvedená cena je pevná a závazná stanovena jako nejvýše přípustná cena, která již zahrnuje veškeré náklady dodavatele na splnění předmětu veřejné zakázky včetně všech případných poplatků, nákladů na dopravu, celních poplatků apod. Cena zahrnuje i veškeré náklady, které nejsou výslovně uvedeny, ale s kterých dodavatel vzhledem ke svým odborným znalostem a vynaložením veškeré odborné péče věděl nebo vědět měl a mohl. Cena je možné překročit pouze v souvislosti se změnou daňových předpisů týkajících se DPH.
Sleva daně a přirážné hodnoty byly stanoveny v souladu s platnými a účinnými právními předpisy.

Doba plnění veřejné zakázky

Předpokládaný termín splnění veřejné zakázky – dle specifikací požadavků uvedených v závazném návrhu Kupní smlouvy, který je součástí této nabídky.

Místo plnění veřejné zakázky

Mezinárodní laserové výzkumné centrum ELI Beamlines v Dolních Břežanech.

Platební podmínky

Platební podmínky jsou uvedeny v návrhu Kupní smlouvy, který je součástí této nabídky.

Obchodní podmínky

Obchodní podmínky jsou uvedeny v návrhu Kupní smlouvy, který je součástí této nabídky.

Prohlášení uchazeče

Uchazeč MT spol. s r.o. se sídlem Klánova 56, 147 00 Praha 4, zastoupený Martinem Mosecem, prohlašuje, že je vázán celým obsahem nabídky po celou dobu běhu zadávací lhůty.

V Praze dne 4.8.2016

Martin Mosec
jednatel MT, spol. s r.o.