

**QUOTE****No. 200916AN1****2020.10.16****Seller**

Altechna UAB, Mokslininkų g. 6a, LT-08412, Vilnius, Lietuva  
Registration No. 123542064, VAT Registration No. LT235420610  
AB SEB bank, SWIFT Code CBVILT2X  
Account No. LT087044060001103426

**Buyer**

Institute of Physics ASCR, v.v.i.  
HiLASE Laser Centre  
Za Radnicí 828  
252 41, Dolní Břežany, CZ

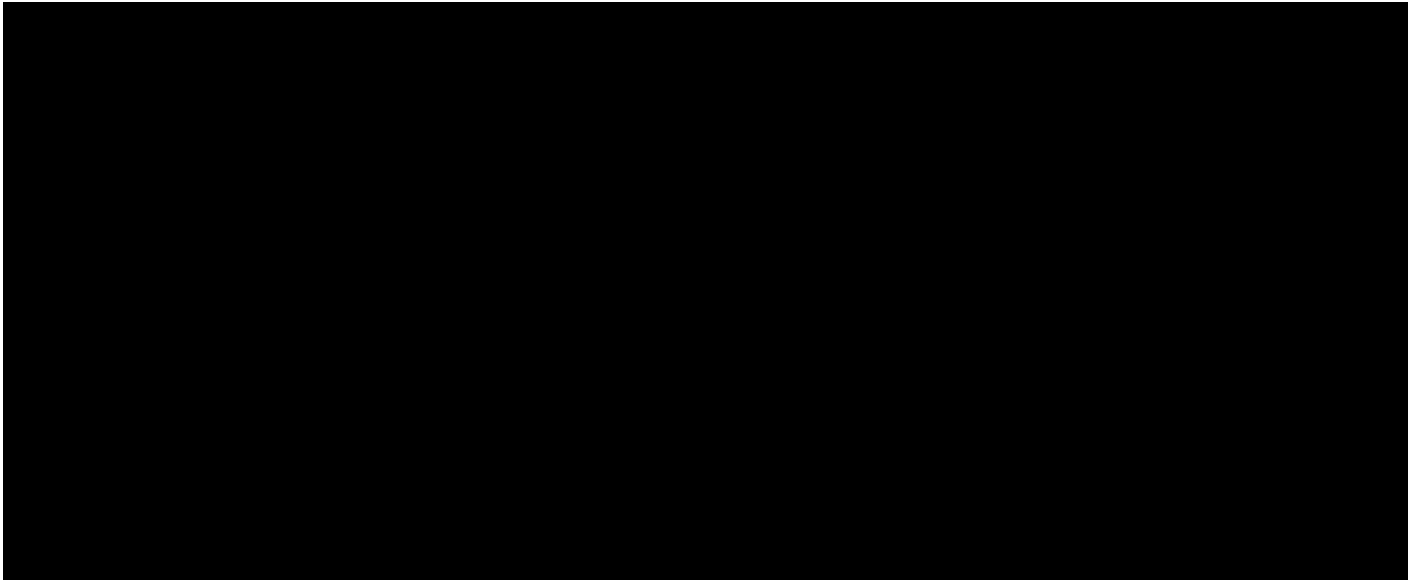
Your requests are appreciated at Altechna.  
It is our pleasure to quote in accordance to your inquiry.

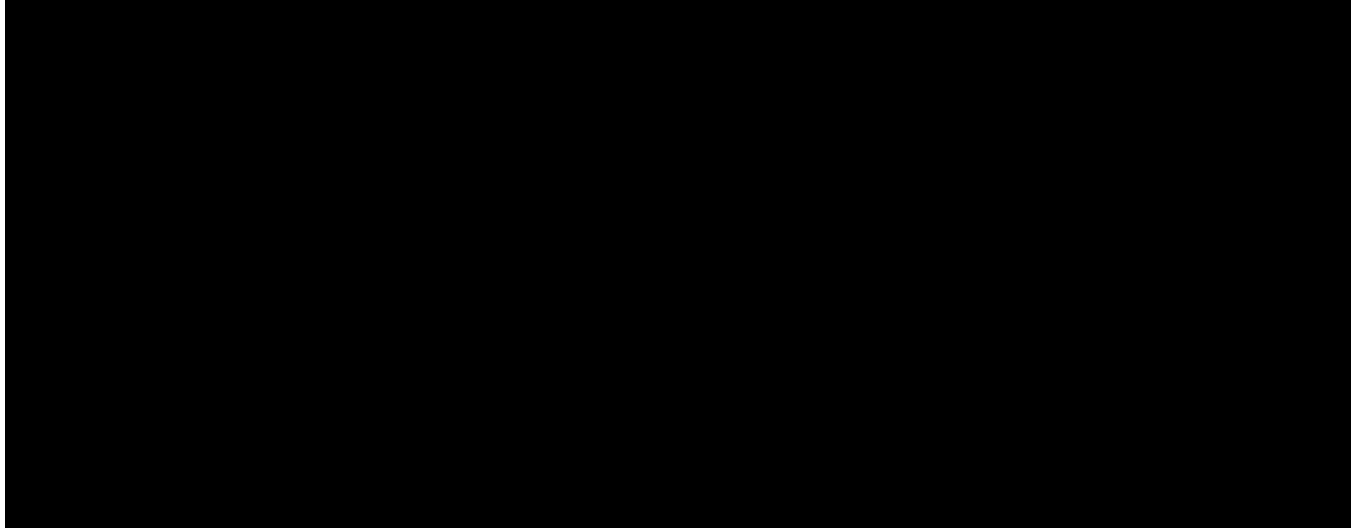
**Valid until 2020.11.16**

A)

Material: UVFS Corning 7980 OF grade  
Dimensions, mm:  $\varnothing 25.4 (+0/-0.1) \times 5 (\pm 0.1)$   
Clear aperture, %: >90  
Surface quality, S-D: 10-5 (after coatings <20-10)  
Flatness, PV:  $<\lambda/10$  @ 632.8 nm (after coatings  $<\lambda/8 - \lambda/10$ )  
Parallelism error: <5 arcsec  
Protective chamfer:  $<0.25 \text{ mm} \times 45^\circ$   
Coatings:  
S1: PR (R=80±3%) @ 1908 nm, AOI 0° EB  
S2: AR (R<1%) @ 1908 nm, AOI 0° EB

Theoretical PR curve:





B)

Material: UVFS Corning 7980 OF grade

Dimensions, mm:  $\varnothing 25.4 (+0/-0.1) \times 5 (\pm 0.1)$

Clear aperture, %:  $>90$

Surface quality, S-D: 10-5 (after coatings  $<20-10$ )

Flatness, PV:  $<\lambda/10$  @ 632.8 nm (after coatings  $<\lambda/8 - \lambda/10$ )

Parallelism error:  $<5$  arcsec

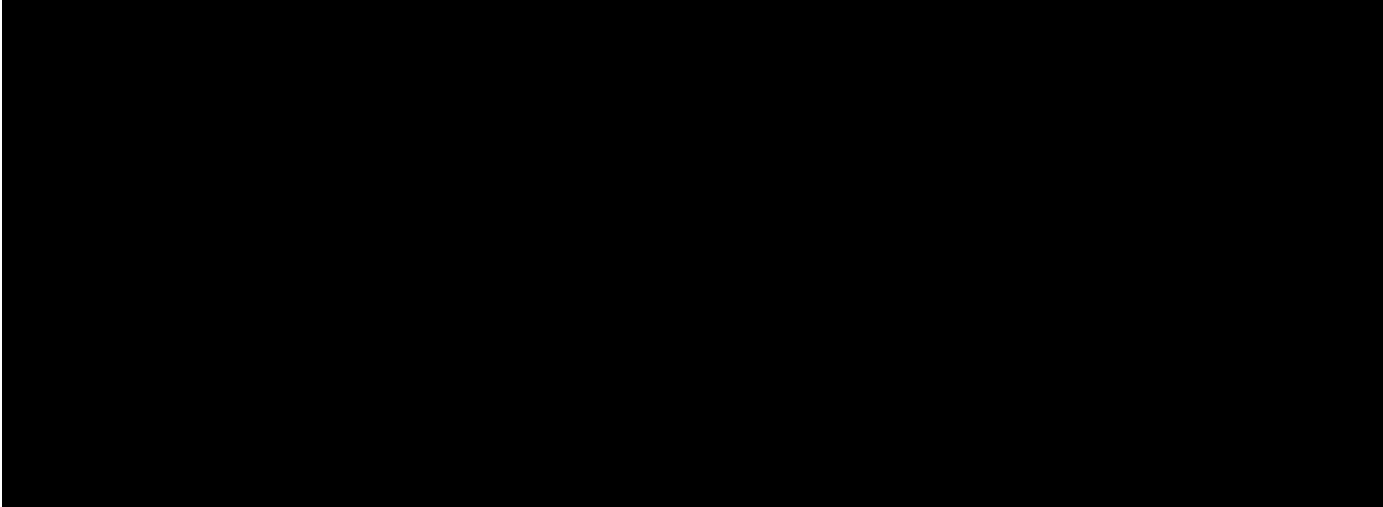
Protective chamfer:  $<0.25$  mm x  $45^\circ$

Coatings:

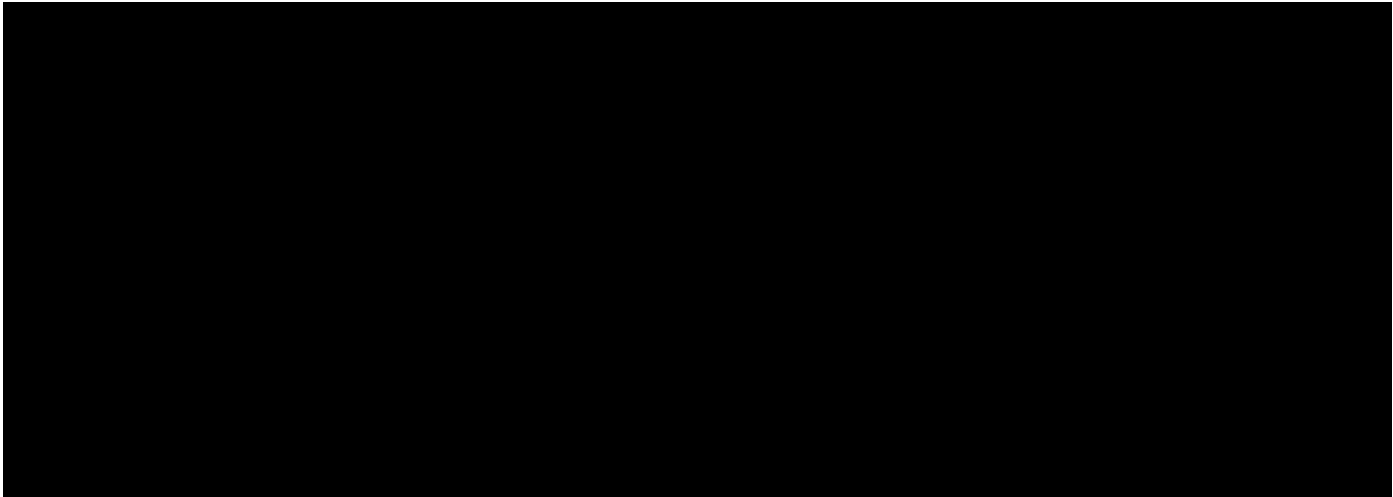
S1: AR (R $<0.5\%$ ) @ 1480-1550nm, AOI 0 deg

S2: PR (R=90% $\pm$ 3%) @ 1480-1550nm, AOI 0deg

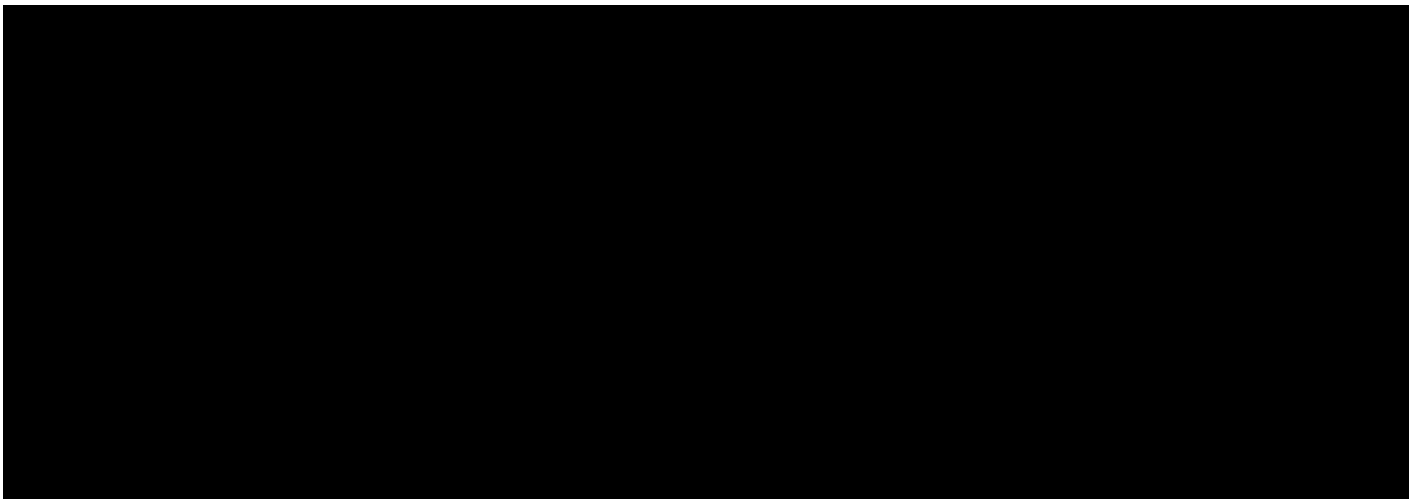
Theoretical AR curve:



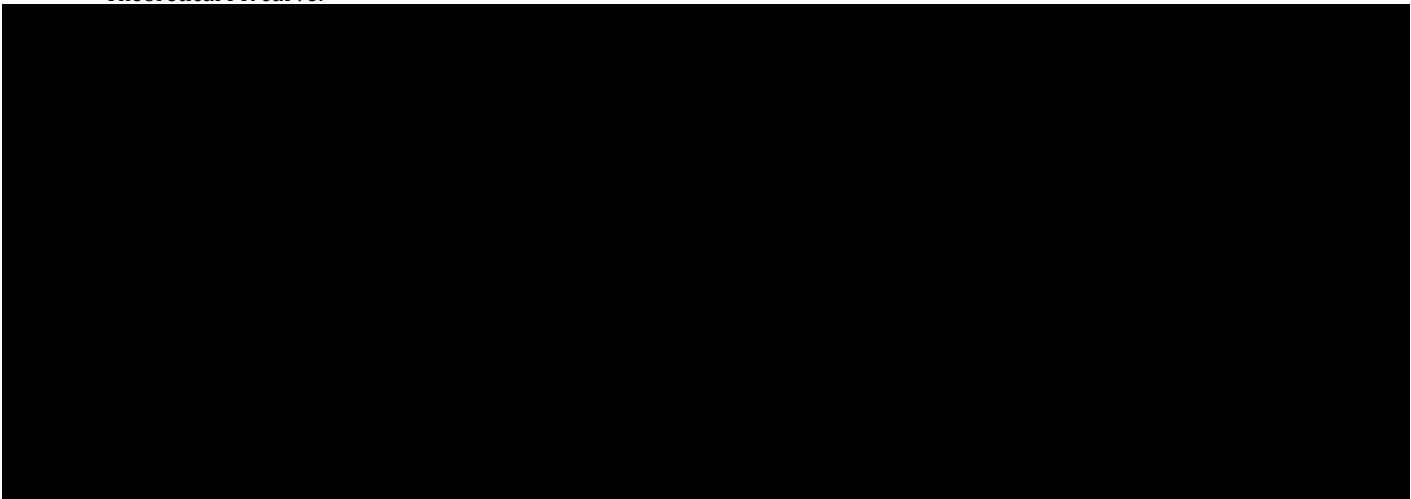
Theoretical PR curve:



Material: UVFS Corning 7980 OF grade  
Dimensions, mm:  $\varnothing 25.4 (+0/-0.1) \times 5 (\pm 0.1)$   
Clear aperture, %: >90  
Surface quality, S-D: 10-5 (after coatings <20-10)  
Flatness, PV:  $<\lambda/10$  @ 632.8 nm (after coatings  $<\lambda/8 - \lambda/10$ )  
Parallelism error: <5 arcsec  
Protective chamfer: <0.25 mm x 45°  
Coatings:  
S1: AR (R<0.5%) @ 1480-1550nm, AOI 0 deg  
S2: PR (R=95%+/-3%) @ 1480-1550nm, AOI 0deg



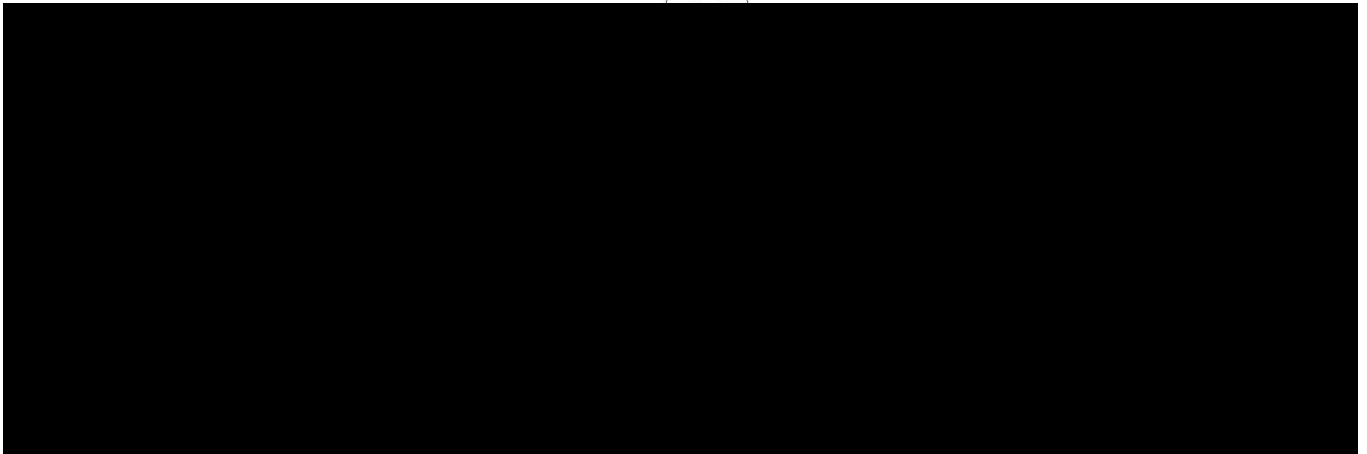
Theoretical PR curve:



D)

Material: UVFS Corning 7980 OF grade  
Dimensions, mm:  $\varnothing 25.4 (+0/-0.1) \times 5 (\pm 0.1)$   
Clear aperture, %: >90  
Surface quality, S-D: 10-5 (after coatings <20-10)  
Flatness, PV:  $<\lambda/10 @ 632.8 \text{ nm}$  (after coatings  $<\lambda/7 - \lambda/8$ )  
Parallelism error: <5 arcsec  
Protective chamfer:  $<0.25 \text{ mm} \times 45^\circ$   
Coatings:  
S1: Uncoated  
S2: HR (R(s+p)/2>99.5%) @ 1480-1550 nm, AOI 45°

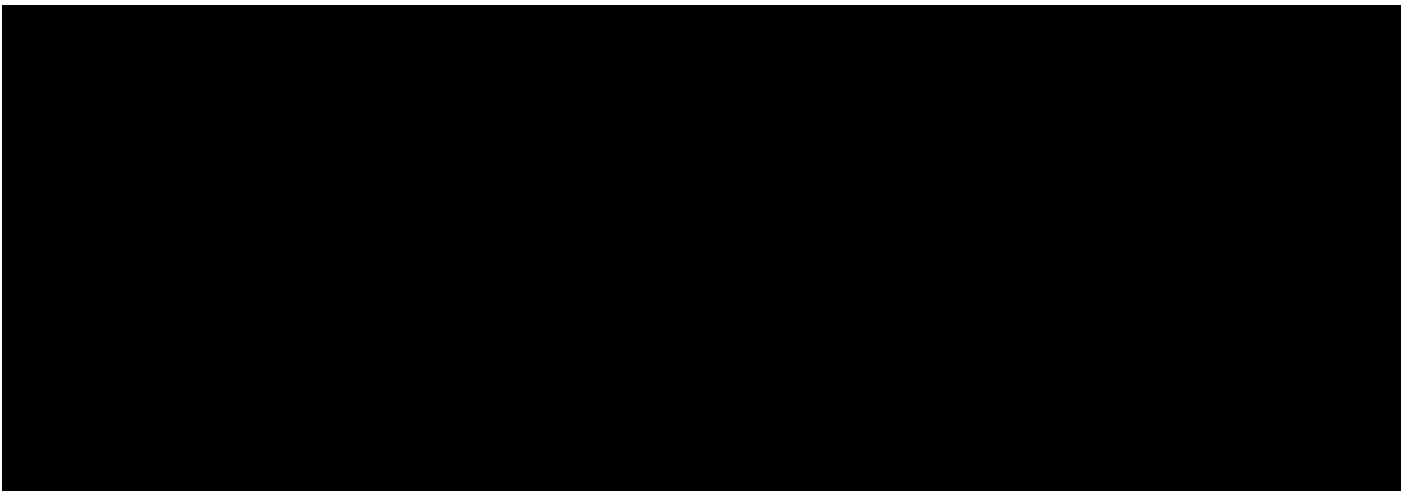
Theoretical HR curve:



G)

Material: UVFS Corning 7980 OF grade  
Dimensions, mm:  $20 (+0/-0.1) \times 40 (+0/-0.1) \times 5 (\pm 0.1)$   
Clear aperture: 15 x 26.8 mm elliptical centered  
Surface quality, S-D: 10-5 (after coatings <20-10)  
Flatness, PV:  $<\lambda/10 @ 632.8 \text{ nm}$  ( $<\lambda$  after coatings)  
Wedge / Parallelism error: <5 arcsec  
Protective chamfers with a face width of 0.4 – 0.6mm (45deg +/-5deg)  
Coatings:  
S1: POL (Rs>99.5%,Tp>95%) @1908-1940 nm, Brewster angle

Theoretical POL curve:



I)

Material: UVFS Corning 7980 OF grade

Dimensions, mm:  $\varnothing 25.4 (+0/-0.1) \times 5 (\pm 0.1)$

Clear aperture, %: >90

Surface quality, S-D: 10-5 (after coatings <20-10)

Flatness, PV:  $<\lambda/10 @ 632.8 \text{ nm}$  (after coatings  $<\lambda/8 - \lambda/10$ )

Parallelism error: <5 arcsec

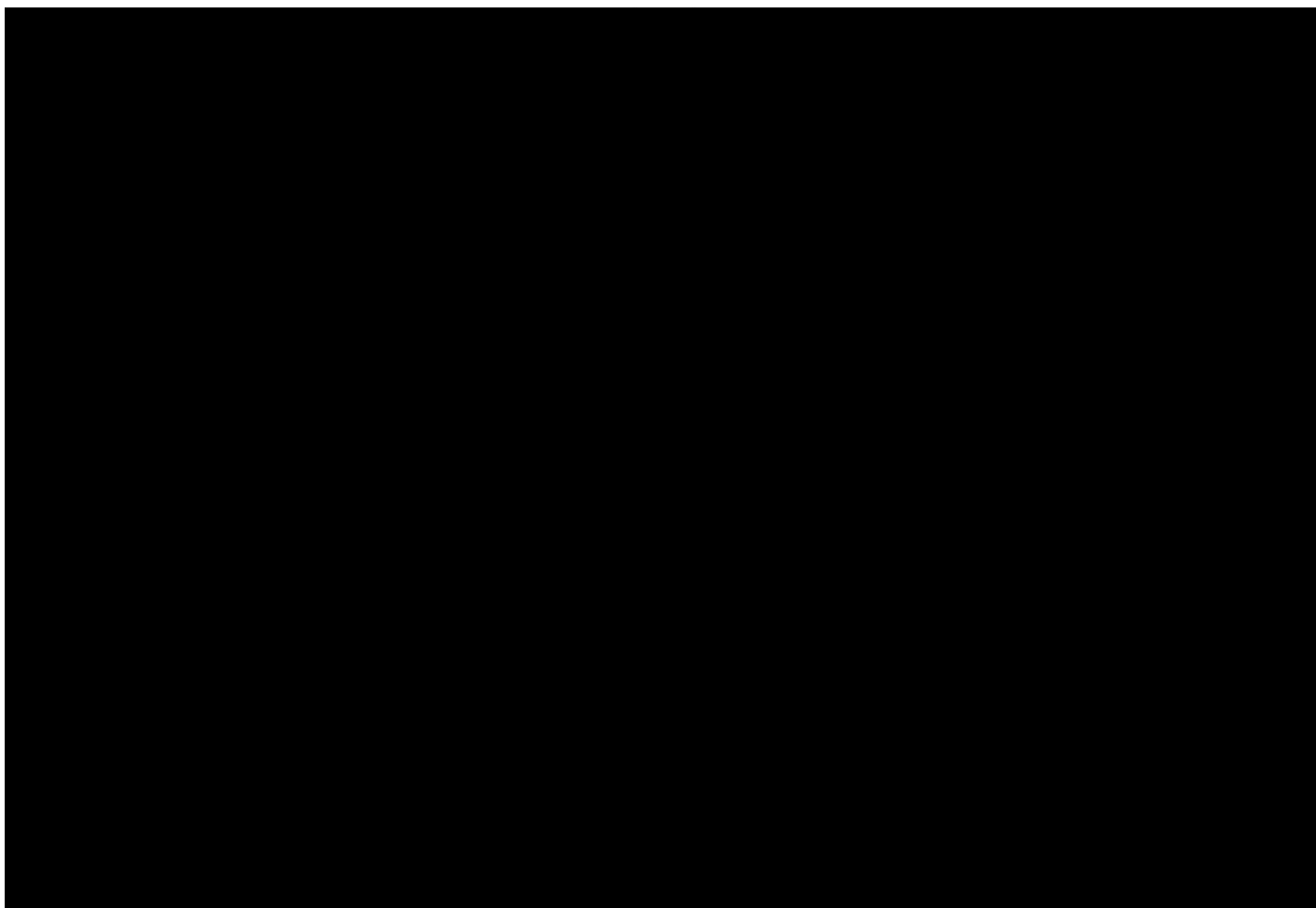
Protective chamfer:  $<0.25 \text{ mm} \times 45^\circ$

Coatings:

S1: AR (R(s+p)/2 < 0.65%) @ 1940nm, AOI 45°

S2: HR (R(s+p)/2 > 99.5%) @ 1480nm + HT (T(s+p)/2 > 95%) @ 1940 nm, AOI 45°

Theoretical AR curve:



Price list:

	ID	QTY	Price, Eur/pc	
A)	PR80			Could be bought separately
B)	PR90			Prices for ordering together
B)	PR95			
D)	HR1480			
G)	POL1908			Could be bought separately
I)	HRHT			

**NOTE:**

**Lead time: up to 6 weeks ARO**



**Transportation costs 40 Eur.**

Warranty: All products are guaranteed to be free from defects. The claims are accepted for a period of three months after delivery date. Altechna is not responsible for damage caused by incorrect installation or inappropriate usage consequences.

If you have any questions, please contact [REDACTED]

**Respectfully**  
Sales Engineer