

QUOTE

No. 191028AN2

2020.04.02

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 2020.05.02

Material: Crystalline Quartz
Wavelength, nm: 1030
Clear aperture, mm: >35
Retardation: $\lambda/2$
Retardation order: TZO
Surface quality, S-D: 20-10
Transmitted wavefront distortion PV: $<\lambda/10$ @ 632.8 nm per 25.4mm
Retardation tolerance: $\lambda/300$ @ 20 °C
Parallelism error: <3 arcsec
AR coatings: R<0.3% @ 1030 nm on each surface
Laser induced damage threshold: >20 J/cm² @ 1064 nm; 10 ns; 10 Hz
Configuration: Optically bonded on N-BK7 substrate
Mount: Ø50.8 x 6 mm black anodized aluminium mount

Material: Crystalline Quartz
Wavelength, nm: 515
Clear aperture, mm: >35
Retardation: $\lambda/2$
Retardation order: TZO
Surface quality, S-D: 20-10
Transmitted wavefront distortion PV: $<\lambda/10$ @ 632.8 nm per 25.4mm
Retardation tolerance: $\lambda/300$ @ 20 °C
Parallelism error: <3 arcsec
AR coatings: R<0.3% @ 515 nm on each surface
Laser induced damage threshold: >20 J/cm² @ 1064 nm; 10 ns; 10 Hz (>7 J/cm²@515nm)
Configuration: Optically bonded on N-BK7 substrate
Mount: Ø50.8 x 6 mm black anodized aluminium mount

Material: Crystalline Quartz
Wavelength, nm: 343
Clear aperture, mm: >35
Retardation: $\lambda/2$
Retardation order: ZO
Surface quality, S-D: 20-10
Transmitted wavefront distortion PV: $<\lambda/10$ @ 632.8 nm per 25.4mm
Retardation tolerance: $\lambda/300$ @ 20 °C
Parallelism error: <3 arcsec
AR coatings: R<0.25% @ 343 nm on each surface
Laser induced damage threshold: >10 J/cm² @ 1064 nm; 10 ns; 10 Hz (>6J/cm²@343nm)
Configuration: Air-spaced
Mount: Ø50.8 x 6 mm black anodized aluminium mount

Revised options:

Material: Crystalline Quartz
Wavelength, nm: 1030
Clear aperture, mm: >35
Retardation: $\lambda/4$
Retardation order: TZO
Surface quality, S-D: 20-10
Transmitted wavefront distortion PV: $<\lambda/10$ @ 632.8 nm per 25.4mm
Retardation tolerance: $\lambda/300$ @ 20 °C
Parallelism error: <3 arcsec
AR coatings: R<0.3% @ 1030 nm on each surface
Laser induced damage threshold: >20 J/cm² @ 1064 nm; 10 ns; 10 Hz
Configuration: Optically bonded on N-BK7 substrate
Mount: Ø50.8 x 6 mm black anodized aluminium mount

Material: Crystalline Quartz
Wavelength, nm: 515
Clear aperture, mm: >18
Retardation: $\lambda/2$
Retardation order: TZO
Surface quality, S-D: 20-10
Transmitted wavefront distortion PV: $<\lambda/10$ @ 632.8 nm
Retardation tolerance: $\lambda/300$ @ 20 °C
Parallelism error: <3 arcsec
AR coatings: R<0.3% @ 515 nm on each surface
Laser induced damage threshold: >20 J/cm² @ 1064 nm; 10 ns; 10 Hz
Configuration: Optically bonded on UVFS (C7980) substrate
Mount: Ø25.4 x 6 mm black anodized aluminium mount


Material: Crystalline Quartz
Wavelength, nm: 343
Clear aperture, mm: >18
Retardation: $\lambda/2$
Retardation order: TFO
Surface quality, S-D: 20-10
Transmitted wavefront distortion PV: $<\lambda/10$ @ 632.8 nm
Retardation tolerance: /180 @ 20 °C
Parallelism error: <3 arcsec
AR coatings: R<0.3% @ 343 nm on each surface
Laser induced damage threshold: >20 J/cm² @ 1064 nm; 10 ns; 10 Hz
Configuration: Optically bonded on UVFS (C7980) substrate
Mount: Ø25.4 x 6 mm black anodized aluminium mount



NOTE:

Lead time of the batch is up to 9 weeks ARO

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  [@altechna.com](mailto:altechna.com)

Respectfully
Sales Engineer

