

asphericon

XFL50-020-U-U



Product no.: 010309-02

Price:

from 778,00 EUR

19 % VAT plus. excl. Shipping costs

(https://www.asphericon.com/shop/popup_content.php?coID=1)

Options:

Coating: Uncoated , Coating A (400 nm - 600 nm) , Coating B (600 nm - 1050 nm) , Coating C (1000 nm - 1600 nm) , Coating X (240 nm - 380 nm)

The asphericon XFL50-020-U-U is a superior standard axicon in asphericon quality ($RMSi < 0.07 \mu m$) with a diameter of 50.8 mm. The precision-polished axicons are characterized by outstanding performance. CNC-controlled grinding and polishing enables excellent surface roughness values.

Product Features

Material	Fused Silica
Diameter [mm]	50.8
Diameter tolerance [mm]	+0/-0.01
Angle [degree]	2.0

Design wavelength [nm]	780
Edge thickness T_e [mm]	8.0
Clear Aperture CA [mm]	4.6 - 46
Surface Imperfections [Scratch/Dig]	40 - 20
Laser induced damage threshold	12 J/cm ² , 100 Hz, 6 ns, 532 nm