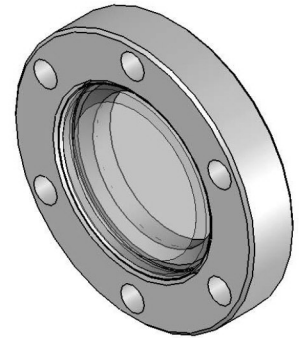


Datasheet for Viewport 110-DIODE-C40

DN40CF Quartz (DUV Quality) VP, AR Coated 780nm
Free view diameter 35mm



Specifications

Property	Value
Material	Corning HPFS 7980 Fused Silica
Parallelism	< 10 Arc Seconds
Flatness	$\lambda/4$ @ 632nm Transmitted Wavefront
Surface Finish	20/10 Scratch-Dig
Thermal Range	-100°C to 200°C
Transmission	99,8% @ 248 nm (Internal)
Homogeneity	Grade A
Inclusion Class	0
Ar Coating	Both Sides 780nm, R < 0,25% Per Surface
Laser Damage Threshold	10J/cm ² for 10ns Pulse

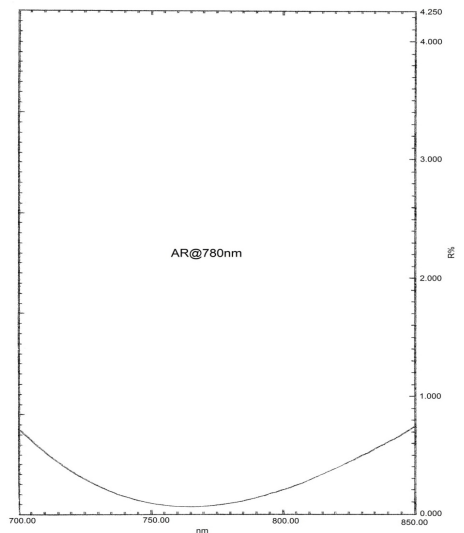


Figure 1: Reflection per Surface for Incident light

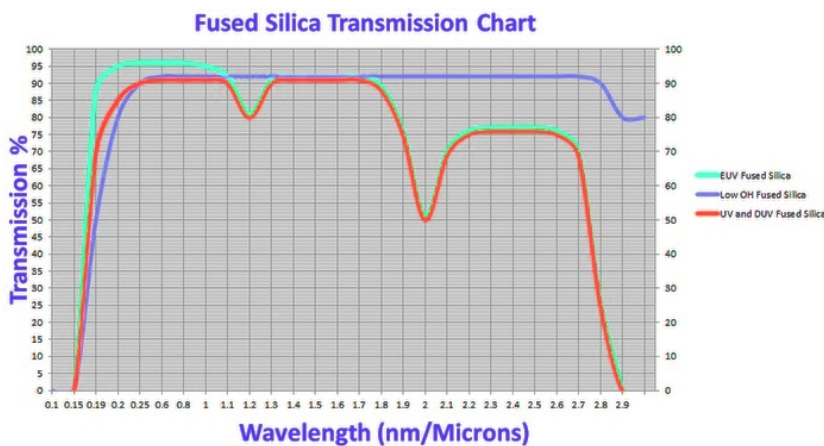


Figure 2: Transmission over Wavelength for uncoated fused silica

File: 110-DIODE-C40 created 2018-01-17 last revised 2018-01-17 by KG
All data given in this sheet are carefully checked but subject to change at any time.