

25mm Dia., 248nm Laser Line Longpass Filter



Laser Line Longpass Filters

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1 **£1,049.75**

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Qty 1+

£1,049.75

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Diameter (mm):
25.00 +0.0/-0.1

Angle of Incidence (°):
0 ±2

Bandwidth (nm):
>250

OD 6 Blocking Wavelength Range (nm):
202 - 248.6

Optical Density OD (Average):

≥6.0

Clear Aperture CA (mm):

22

Design Wavelength DWL (nm):

248.6

Substrate:

[Fused Silica](#) (Corning 7980)

Coating:

Hard Coated

Surface Quality:

60-40

Thickness Tolerance (mm):

±0.1

Transmission (%):

90

Transmission Wavelength (nm):

261 - 560.8

Type:

Longpass Filter

Edge Steepness (nm):

2.0

Transition Width (nm):

<5.0

Clear Aperture (%):

88

Durability:

Environmental: MIL-STD-810F, Physical: MIL-C-48497A

Mount Thickness (mm):

3.5

Laser Blocking Wavelength (nm):

248.6

Damage Threshold, By Design:

0.5 J/cm² @ 266nm, 10ns, 10Hz

1 J/cm² @ 532nm, 10ns, 10Hz

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Reach 209:

[Compliant](#)

Certificate of Conformance:

[View](#)
