

Coherent® LightSmyth™ 1030nm, 1600 Grooves/mm, 120 x 20mm Transmission Diffraction Grating

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LightSmyth™ Transmission Diffraction Gratings

Stock #16-865 3-5 DAYS

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S\$6,206.00

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Groove Density (grooves/mm): 1600
Groove Density Uniformity (grooves/mm): 0.001
Design Wavelength DWL (nm): 1030 ±10

Minimum Efficiency (%) : ≥94 @ 1030nm
Dimensions (mm) : 120.00 x 20.00
Angle of Incidence (°) : 55.5 ±1
Clear Aperture CA (mm) : 115.00 x 18.00
Coating : Dielectric
Construction : Multi-Layer Dielectric Binary Etch Grating
Length (mm) : 120.00
Model Number : 1304189
Substrate :  Fused Silica (Corning 7980)
Surface Quality : 60-40
Thickness (mm) : 0.95 ±0.050
Type : Transmission Diffraction Grating
Width (mm) : 20.00
Alignment of Grooves to Edge (°) : 0.1 (typical)
Polarization : S
Note : S-Polarization defined with E-field parallel to the grating grooves

Regulatory Compliance

RoHS : Compliant
Certificate of Conformance : View