

Coherent® LightSmyth™ 1500 - 1800nm, 711.24 Grooves/mm, 31.8 x 20mm Transmission Diffraction Grating

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LightSmyth™ Transmission Diffraction Gratings

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Groove Density (grooves/mm):
711.24

Groove Density Uniformity (grooves/mm):
0.001

Wavelength Range (nm):
1500 - 1800

Minimum Efficiency (%) : ≥95 @ 1500 - 1800nm
Dimensions (mm) : 31.80 x 20.00
Angle of Incidence (°) : 35.55 ±1
Clear Aperture CA (mm) : 30.80 x 19.00
Coating : Dielectric
Construction : Multi-Layer Dielectric Binary Etch Grating
Length (mm) : 31.80
Model Number : 1358003
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 and P
Note : S-Polarization defined with E-field parallel to the grating grooves

Regulatory Compliance

RoHS : Compliant
Certificate of Conformance : View