

Coherent® LightSmyth™ 1525 - 1565nm, 966.18 Grooves/mm, 27 x 10mm Transmission Diffraction Grating

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LightSmyth™ Transmission Diffraction Gratings

Stock **#16-875** ☐ In Stock

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1

+

C\$861.00

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Groove Density (grooves/mm):
966.18

Groove Density Uniformity (grooves/mm):
0.001

Wavelength Range (nm):
1525 - 1565

Minimum Efficiency (%): ≥92 @ 1525 - 1565nm
Dimensions (mm): 27.00 x 10.00
Angle of Incidence (°): 48.3 ±1
Clear Aperture CA (mm): 26.00 x 9.00
Coating: Dielectric
Construction: Multi-Layer Dielectric Binary Etch Grating
Length (mm): 27.00
Model Number: 1304279
Substrate:  Fused Silica (Corning 7980)
Surface Quality: 60-40
Thickness (mm): 0.68 ±0.050
Type: Transmission Diffraction Grating
Width (mm): 10.00
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