

Coherent® LightSmyth™ 1030nm, 1739.13 Grooves/mm, 31.8 x 20.2mm Transmission Diffraction Grating

See More by [Coherent®](#)



LightSmyth™ Transmission Diffraction Gratings

Stock #16-866 3-4 DAYS

- 1 + **€1.205,00**

ADD TO CART

Qty 1+
€1.205,00

Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Groove Density (grooves/mm):
1739.13

Groove Density Uniformity (grooves/mm):
0.001

Design Wavelength DWL (nm):
1030 ±10

Minimum Efficiency (%): ≥94 @ 1030nm
Dimensions (mm): 31.80 x 20.20
Angle of Incidence (°): 63.6 ±1
Clear Aperture CA (mm): 30.80 x 19.20
Coating: Dielectric
Construction: Multi-Layer Dielectric Binary Etch Grating
Length (mm): 31.80
Model Number: 1379487
Substrate:  Fused Silica (Corning 7980)
Surface Quality: 60-40
Thickness (mm): 0.95 ±0.050
Type: Transmission Diffraction Grating
Width (mm): 20.20
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