

Coherent® LightSmyth™ 1040nm, 1000 Grooves/mm, 120 x 20mm Transmission
Diffraction Grating

See More by [Coherent®](#)



LightSmyth™ Transmission Diffraction Gratings

Stock #16-871 3-5 DAYS

-

1

+

S\$5,981.25

ADD TO CART

Qty 1+
S\$5,981.25
Volume Pricing
Request Quote

Get Product Downloads



Groove Density (grooves/mm): 1000
Groove Density Uniformity (grooves/mm): 0.001
Design Wavelength DWL (nm): 1040 ±20

Minimum Efficiency (%) : ≥94 @ 1040nm
Dimensions (mm) : 120.00 x 20.00
Angle of Incidence (°) : 31.3 ±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 : 1378053
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