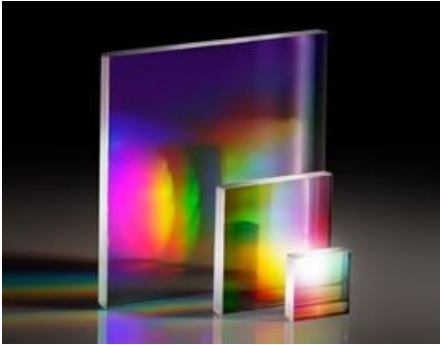


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Coherent® LightSmyth™ Transmission Diffraction Gratings

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- High Diffraction Efficiency ($\geq 90\%$ Absolute) and Low Scatter
- Polarization Independent and Single Polarization Optimized Gratings
- Robust Inorganic Materials for Superior Power Handling and Reliability
- Designs for NIR Wavelengths between 800 - 1800nm

Common Specifications

Note:

S-Polarization defined with E-field parallel to the grating grooves

Groove Density Uniformity (grooves/mm): 0.001

Construction: Multi-Layer Dielectric Binary Etch Grating

Alignment of Grooves to Edge (°): 0.1 (typical)

Coating: Dielectric

Surface Quality: 60-40

Technical Information

Products

Groove Density (grooves/mm)	DWL (nm)	Wavelength Range (nm)	Dimensions (mm)	Stock Number	Price	Buy
1398.6	800	-	12.70 x 12.70	#16-859	₹52,968 Volume Pricing	1 In Stock
1398.6	800	-	24.00 x 14.90	#16-860	₹70,119 Volume Pricing	2 In Stock
1503.76	875	-	24.80 x 15.80	#16-862	₹70,119 Volume Pricing	5 In Stock
1600	1030	-	31.80 x 12.30	#16-863	₹70,119 Volume Pricing	1 In Stock
1600	1030	-	31.80 x 24.80	#16-864	₹1,39,733 Volume Pricing	2 In Stock
1739.13	1030	-	130.00 x 15.00	#16-867	₹4,03,056 Volume Pricing	1 In Stock
1739.13	1030	-	31.80 x 20.20	#16-866	₹1,38,724 Volume Pricing	Contact Us
1000	1040	-	12.30 x 12.30	#16-868	₹43,888 Volume Pricing	Contact Us
1000	1040	-	31.80 x 12.30	#16-869	₹70,119 Volume Pricing	7 In Stock
1000	1040	-	31.80 x 24.80	#16-870	₹1,39,733 Volume Pricing	1 In Stock
1600	1060	-	12.30 x 12.30	#16-872	₹43,888 Volume Pricing	1 In Stock
940.07	-	1525 - 1565	24.00 x 14.00	#16-874	₹70,119 Volume Pricing	Contact Us
966.18	-	1525 - 1565	27.00 x 10.00	#16-875	₹70,119 Volume Pricing	Contact Us
1000	-	1525 - 1565	31.80 x 12.30	#16-876	₹78,190 Volume Pricing	Contact Us
940.07	-	1528 - 1610	27.00 x 10.00	#16-877	₹65,579 Volume Pricing	1 In Stock
1201.2	-	1275 - 1345	27.00 x 10.00	#28-908	₹74,155 Volume Pricing	Contact Us



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