

780nm, 12.7mm Dia., Colored Glass Replacement Longpass Filter



Colored Glass Replacement Longpass Filters

Stock #15-451   ☐ In Stock

-

1

+

£35.70

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Qty 1-10

£35.70

Qty 11+

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Diameter (mm):  
12.70 ±0.127

Optical Density OD (Average):  
≥5.0

Cut-On Wavelength (nm):  
780.00 ±7

|                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Substrate:</b> <br><a href="#">BOROFLOAT®</a> |
| <b>Operating Temperature (°C):</b><br>-100 to +400                                                                               |
| <b>Coating:</b><br>Dielectric                                                                                                    |
| <b>Index of Refraction <math>n_d</math>:</b><br>1.74                                                                             |
| <b>Rejection Wavelength (nm):</b><br>200 - 710                                                                                   |
| <b>Surface Quality:</b><br>80-50                                                                                                 |
| <b>Thickness (mm):</b><br>1.10 ±0.10                                                                                             |
| <b>Transmission (%):</b><br>>90 (typical)                                                                                        |
| <b>Transmission Wavelength (nm):</b><br>800 - 2500                                                                               |
| <b>Type:</b><br>Longpass Filter                                                                                                  |
| <b>Clear Aperture (%):</b><br>90                                                                                                 |
| <b>Environmental Durability:</b><br>MIL-STD-810, Method 507.3, Procedure III, Modified to 40 cycles                              |
| <b>Physical Durability:</b><br>MIL-C-48497                                                                                       |
| <b>Wavelength Range (nm):</b><br>200 - 2500                                                                                      |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 219:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |