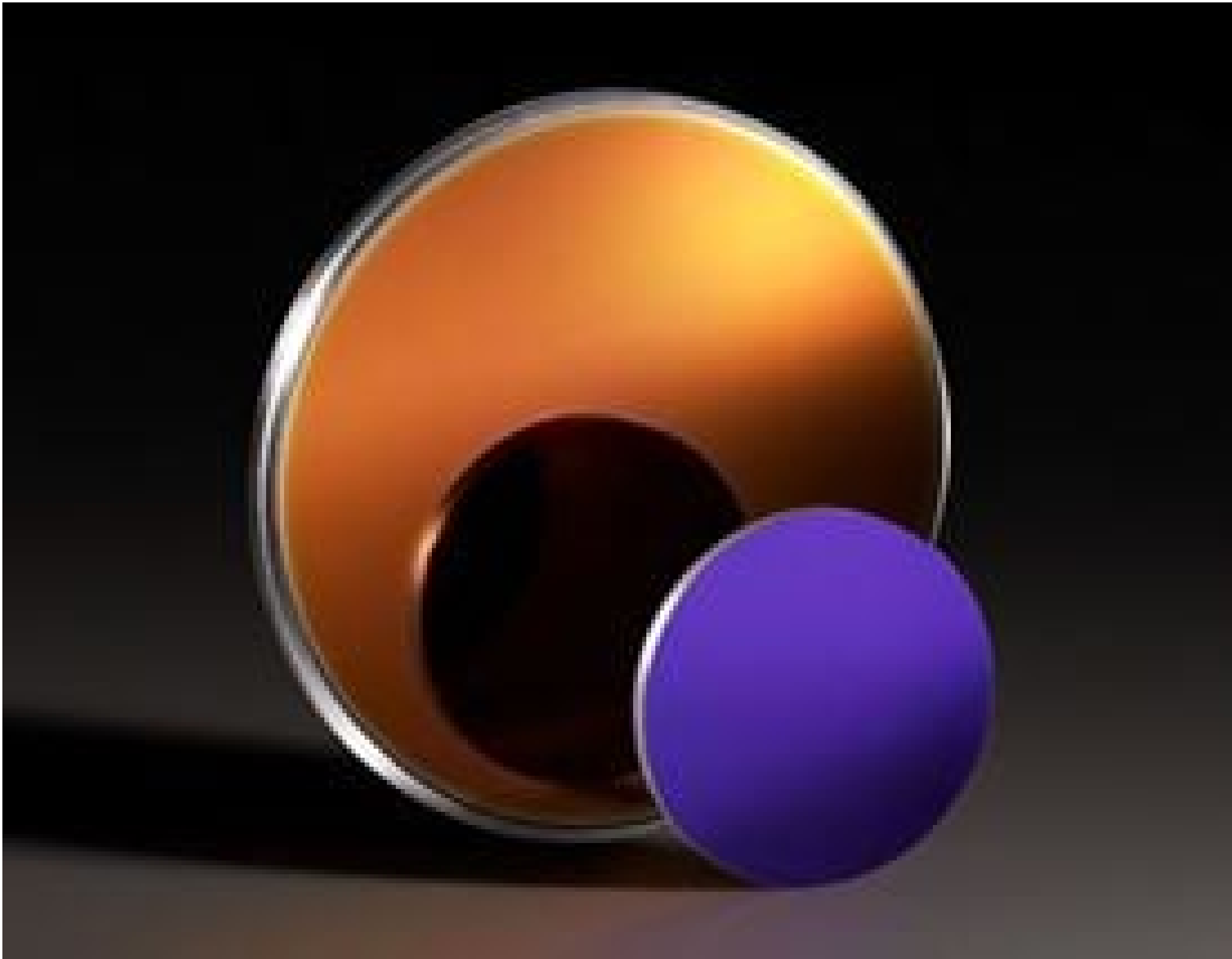


# 1.05μm, 50mm Diameter, Infrared Longpass Filter



Infrared (IR) Longpass Filters

Stock **#68-657** 3-5 DAYS

-

1

+

A\$692.80

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Qty 1-9

A\$692.80

Qty 10+

A\$622.72

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Diameter (mm):  
50.00 +0.0/-0.1

Optical Density OD (Average):  
≥3.0

Cut-On Wavelength (nm):  
1,050.00

Substrate: ☐

|                                                                               |
|-------------------------------------------------------------------------------|
| Silicon (Si)                                                                  |
| <b>Operating Temperature (°C):</b><br>-62 to +71                              |
| <b>Coating:</b><br>Traditional Coated                                         |
| <b>Surface Quality:</b><br>80-50                                              |
| <b>Thickness (mm):</b><br>1.00                                                |
| <b>Thickness Tolerance (mm):</b><br>±0.2                                      |
| <b>Transmission (%):</b><br>>85                                               |
| <b>Transmission Wavelength (nm):</b><br>1100 - 2100                           |
| <b>Transmission Wavelength (µm):</b><br>1.10 - 2.10                           |
| <b>Type:</b><br>Longpass Filter                                               |
| <b>Blocking Wavelength Range (nm):</b><br>200 - 1050                          |
| <b>Parallelism (arcmin):</b><br><10                                           |
| <b>Clear Aperture (%):</b><br>90                                              |
| <b>Slope Factor (%):</b><br><12                                               |
| <b>Cut-On Wavelength (µm):</b><br>1.05 ±0.04                                  |
| <b>Note:</b><br>Transmission at cut-on wavelength is 5% of peak transmission. |
| <b>Surface Flatness (P-V):</b><br>3 - 5λ                                      |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |