

# SCHOTT RG610, 50mm Sq., 1mm Thick, Colored Glass Longpass Filter

See More by [SCHOTT Optical Components](#)



Stock #14-511 3-5 DAYS

- 1 +

S\$112.38

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-10                      |
| S\$112.38                     |
| Qty 11+                       |
| S\$110.20                     |
| Volume Pricing                |
| <a href="#">Request Quote</a> |

## Get Product Downloads

Dimensions (mm):  
50.0 x 50.0

Cut-On Wavelength (nm):  
610.00 ±6

Density (g/cm³):

|                                                                |
|----------------------------------------------------------------|
| 2.65                                                           |
| <b>Glass/Filter Number:</b><br><a href="#">SCHOTT RG610</a>    |
| <b>Length (mm):</b><br>50.00                                   |
| <b>Coating:</b><br>Uncoated                                    |
| <b>Color:</b><br>Red                                           |
| <b>Passband Limit 1 <math>\lambda_{p1}</math> (nm):</b><br>690 |
| <b>Index of Refraction <math>n_d</math>:</b><br>1.52           |
| <b>Spectral Transmittance <math>t_p</math> (%):</b><br>94      |
| <b>Stopband Limit <math>\lambda_s</math>(nm):</b><br>530       |
| <b>Surface Quality:</b><br>60-40                               |
| <b>Transformation Temperature (°C):</b><br>520                 |
| <b>Thickness (mm):</b><br>1.00 ±0.1                            |
| <b>Type:</b><br>Longpass Filter                                |
| <b>Wavelength:</b><br>VIS                                      |
| <b>Width (mm):</b><br>50.00                                    |
| <b>Dimensional Tolerance (mm):</b><br>±0.2                     |
| <b>Reflection Factor <math>P_d</math>:</b><br>0.92             |
| <b>Bevel:</b><br>Protective as needed                          |

### Regulatory Compliance

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