

# SCHOTT OG-590, 50.8mm Sq., 3mm Thick, Colored Glass Longpass Filter

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1

**C\$123.20**

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Dimensions (mm):  
50.8 x 50.8

Cut-Off Position  $\lambda_c$  (nm):  
590±6

Cut-On Wavelength (nm):

|                                                      |
|------------------------------------------------------|
| 590.00                                               |
| Density (g/cm³):<br>2.56                             |
| Glass/Filter Number:<br><a href="#">SCHOTT OG590</a> |
| Length (mm):<br>50.80                                |
| Coating:<br>Uncoated                                 |
| Color:<br>Red                                        |
| Passband Limit 1 λ <sub>p1</sub> (nm):<br>660.00     |
| Spectral Transmittance t <sub>p</sub> (%):<br>93.00  |
| Stopband Limit λ <sub>s</sub> (nm):<br>510.00        |
| Surface Quality:<br>80-50                            |
| Transformation Temperature (°C):<br>506.00           |
| Thickness (mm):<br>3.00 ±0.2                         |
| Type:<br>Longpass Filter                             |
| Wavelength:<br>VIS                                   |
| Width (mm):<br>50.80                                 |
| Dimensional Tolerance (mm):<br>±0.38                 |
| Reflection Factor P <sub>d</sub> :<br>0.92           |
| Bevel:<br>Protective as needed                       |

Regulatory Compliance

|                                                     |
|-----------------------------------------------------|
| RoHS 2015:<br><a href="#">Exempt</a>                |
| Reach 224:<br><a href="#">Compliant</a>             |
| Certificate of Conformance:<br><a href="#">View</a> |