

# SCHOTT RG850, 50mm Sq., 3mm Thick, Colored Glass Longpass Filter

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Stock **#14-540** ☐ In Stock

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**C\$112.35**

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| <b>Dimensions (mm):</b><br>50.0 x 50.0      |
| <b>Cut-On Wavelength (nm):</b><br>850.00 ±9 |
| <b>Density (g/cm³):</b>                     |

|                                                      |
|------------------------------------------------------|
| 2.93                                                 |
| Glass/Filter Number:<br><a href="#">SCHOTT RG850</a> |
| Length (mm):<br>50.00                                |
| Coating:<br>Uncoated                                 |
| Color:<br>Black                                      |
| Passband Limit 1 $\lambda_{p1}$ (nm):<br>1200        |
| Passband Limit 2 $\lambda_{p2}$ (nm):<br>1200        |
| Index of Refraction $n_d$ :<br>1.56                  |
| Spectral Transmittance $t_p$ (%):<br>97              |
| Stopband Limit $\lambda_s$ (nm):<br>700              |
| Surface Quality:<br>60-40                            |
| Transformation Temperature (°C):<br>554              |
| Thickness (mm):<br>3.00 ±0.2                         |
| Type:<br>Longpass Filter                             |
| Wavelength:<br>IR                                    |
| Width (mm):<br>50.00                                 |
| Dimensional Tolerance (mm):<br>±0.2                  |
| Reflection Factor $P_d$ :<br>0.91                    |
| Bevel:<br>Protective as needed                       |

Regulatory Compliance

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