

# Hoya L42 (420nm), 50mm Dia., 1mm Thick, Colored Glass Longpass Filter

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**Diameter (mm):**  
50.00

**Cut-On Wavelength (nm):**  
420.00 ±5

**Density (g/cm³):**  
2.59

|                                                             |
|-------------------------------------------------------------|
| <b>Glass/Filter Number:</b><br><a href="#">Hoya L42</a>     |
| <b>Substrate:</b> <input type="checkbox"/><br>Colored Glass |
| <b>Coating:</b><br>Uncoated                                 |
| <b>Color:</b><br>Yellow                                     |
| <b>Surface Quality:</b><br>60-40                            |
| <b>Transformation Temperature (°C):</b><br>550              |
| <b>Thickness (mm):</b><br>1.00                              |
| <b>Thickness Tolerance (mm):</b><br>±0.1                    |
| <b>Type:</b><br>Longpass Filter                             |
| <b>Wavelength:</b><br>VIS                                   |
| <b>Dimensional Tolerance (mm):</b><br>±0.2                  |
| <b>Reflection Factor P<sub>d</sub>:</b><br>0.92             |
| <b>Bevel:</b><br>Protective as needed                       |
| <b>Δλ (nm):</b><br><25                                      |
| <b>TH (%):</b><br>>85                                       |

Regulatory Compliance

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