

650nm CWL, 25mm Dia., High Transmission Traditional Coated 20nm Bandpass Filter



High Transmission Traditional Coated Bandpass Filters

Stock #71-677 **3 In Stock**

⊖ 1 ⊕ ₹15,959

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| Qty 1+ | ₹15,959 each |
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SPECIFICATIONS

General

Bandpass Filter **Type:**

Physical & Mechanical Properties

25.00 +0/-0.25 **Diameter (mm):**

| | |
|---|---|
| 21.0 | Clear Aperture CA (mm): |
| 5.90 | Thickness (mm): |
| Mounted in Black Anodized Ring | Construction: |
| Optical Properties | |
| 650.00 | Center Wavelength CWL (nm): |
| +2/-2 | Center Wavelength CWL Tolerance (nm): |
| 20.00 | Full Width-Half Max FWHM (nm): |
| ±4 | Full Width-Half Max FWHM Tolerance (nm): |
| 80 | Minimum Transmission (%): |
| Traditional Coated | Coating: |
| 1x10 ⁻⁴ avg Xray to 1000nm | Blocking Wavelength Range (nm): |
| Environmental & Durability Factors | |
| -50 to +70 | Operating Temperature (°C): |
| Regulatory Compliance | |
| Compliant | RoHS 2015: |
| View | Certificate of Conformance: |
| Compliant | REACH 241: |

PRODUCT DETAILS

- Passband Transmission up to 80%
- 441.6 to 1064nm Wavelength Options with 10, 20, and 40nm Bandwidths
- Ideal for Medical and Analytical Applications

High Transmission Traditional Coated Bandpass Filters are designed for situations where far-infrared blocking is not required, allowing for up to 80% transmission in the passband region and good blocking over the visible and NIR wavelength range. Featuring popular laser, mercury, biomedical, and analytical spectral lines, these filters cover a wide range of visible and NIR wavelengths. A hermetic seal and an anodized metal mount help maintain performance in high humidity environments and protect against chipping and scratching. High Transmission Traditional Coated Bandpass Filters are ideal for a range of scientific and medical applications such as spectral radiometry, medical diagnostics, chemical analysis, and Colorimetry. For applications requiring wider blocking ranges, [traditional coated bandpass filters](#) are available whereas applications requiring higher transmission above 90% are best served with [hard coated bandpass filters](#).