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TECHSPEC[®] 800 - 1200nm, 25mm Dia., Dichroic Shortpass Filter Kit (9 Filters)



Stock #15-107

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+

S\$2,116^{.80}

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SPECIFICATIONS

General

Filters Included :

Cut-off Wavelengths: [800nm](#), [850nm](#), [900nm](#), [950nm](#), [1000nm](#), [1050nm](#), [1100nm](#), [1150nm](#), [1200nm](#)

Type:

Shortpass Filter

Number of Filters:

9

Physical & Mechanical Properties

Physical & Mechanical Properties

Diameter (mm):
25.00

Physical Durability:
Adhesion per MIL-PRF-13830B, Section C.4.5.12
Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11
Cleaning per MIL-C-48497A Section 4.5.4.2

Environmental & Durability Factors

Environmental Durability:
Humidity per MIL-STD-810H, Section 507.6
Temperature per MIL-STD-810H, Section 501.7 and 502.7

Regulatory Compliance

Certificate of Conformance:
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PRODUCT DETAILS

- Sharp Cut-Off Wavelength
- Broad Transmission and Reflection Ranges
- Available in a Range of Common Sizes

Our TECHSPEC® Dichroic Shortpass Filters are designed for a 45° angle of incidence. The rejected light is reflected at 90°, making these filters ideal for use in fluorescence applications or as spectral beamsplitters. The filters feature low polarization dependence, broad spectral ranges, and a precision fused silica substrate. TECHSPEC® Dichroic Shortpass Filters have a sharp cut-off wavelength and are available in a wide range of sizes for ease of system integration. These filters can be combined with TECHSPEC® Dichroic Longpass Filters to create custom bandpass filters.

Note: The chevron on the edge of the filter points towards surface S1 with the primary filter coating on which the light should be incident.

TECHNICAL INFORMATION

