See all 25 Products in Family

660nm Dual Stage Free-Space Optical Isolator

660nm Dual Stage Free-Space Optical Isolator, #35-980

Stock **#35-980** **2 In Stock**

- 1 + **MRP ₹5,35,726**

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-4	**₹5,35,726** each
Qty 5+	**₹4,82,154** each
Need More?	Request Quote

Product Downloads

General

Type:
Dual Stage Optical Isolator

Style:
Faraday

Physical & Mechanical Properties

Clear Aperture CA (mm):
4.7

Optical Properties

Minimum Transmission (%):
80

Transmission (%):
90 (typical)

Design Wavelength DWL (nm):
660

Wavelength Range (nm):
640 - 680

Damage Threshold, By Design:
40 W, 4 kW/cm^2 @ DWL

Typical Isolation at Design Wavelength (dB):
67

Minimum Isolation at Design Wavelength (dB):
60

Damage Threshold, CW:
40 W, 4 kW/cm^2 @ DWL

Environmental & Durability Factors

Operating Temperature (°C):
+15 to +40

Regulatory Compliance

Certificate of Conformance:
View

Country of Origin:
United States

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

- Up to 67 dB Isolation for Ultimate Stability
- Up to 92% Transmission for Maximum Power
- 4.7mm Input Aperture

Free-Space Optical Isolators incorporate a Faraday Rotator and are specifically designed and manufactured to provide superior performance with high isolation, transmission, and power densities. Each option effectively reduces feedback in the external cavity of diode laser systems and blocks reflections from free-space fiber coupling. Free-Space Optical Isolators increase power stabilization in optical systems and also eliminate feedback-induced damage to sensitive optical components. These isolators enable state of the art protection for the most stable lasers in the world and are ideal for demanding laser applications.

;