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800µm Low-OH Silica Core, 0.22 NA, High Power SMA Patch Cable, 2m

High Power Multimode Fiber Optic Patchcords

Stock **#72-229** **1 In Stock**

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Price inclusive of all taxes

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General

Type:
HP SMA Patchcord

Physical & Mechanical Properties

Cladding Diameter (µm):
880 ±15

Minimum Bend Radius (mm):
44/148 (Short Term/Long Term)

Length (m):
2.00

Core Diameter (µm):
800 ±20

Jacket Material:
Stainless Steel

Jacket Diameter (mm):
6.35

Buffer Diameter:
1100 ±30

Optical Properties

Numerical Aperture NA:
0.22 0.02

Wavelength Range (nm):
380 - 2200

Hardware & Interface Connectivity

Connector:
SMA

Environmental & Durability Factors

Operating Temperature (°C):
-40 to +90

Regulatory Compliance

Certificate of Conformance:
View

REACH 241:
Compliant

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
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Product Details

- Low-OH Silica Core, 0.22 Numerical Aperture (NA)
- SMA Connector and Standardized 2m Length
- 380 – 2200 Wavelength Range

High Power Multimode Fiber Optic Patchcords are designed to enable high power light transmission by replacing energy-absorbing materials near the fiber end face such as epoxies, connector materials, and coatings with an air-gap-ferrule. These Patchcords are 2 meters in length and feature a 0.22 numerical aperture (NA), SMA connectors, and are available with core diameters of 200, 400, 600, and 800µm. These cables are also ideal for free-space-to-fiber applications where an input beam is fully contained in the fiber core and is within the fiber's NA. High Power Multimode Fiber Optic Patchcords are designed to work with laser light sources within the broadband 380 – 2200 wavelength range. These cables are ideal for beam delivery, microscopy, fiber optic sensing, and telecommunications applications.

Note: These cables should not be combined with low-power fiber patch cables and should not be used in mating sleeves or with fixed attenuators.

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