

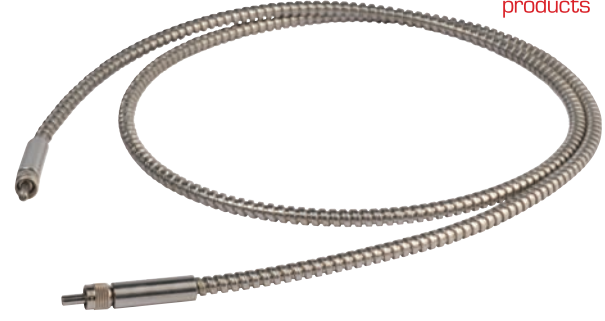
For current pricing, please see our website.

# High-Power Multimode Patch Cables: SMA to SMA

**NEW**  
products

- Utilize Air-Gap-Ferrule Technology
- Damage Threshold for CW Application is up to 50 W or 50 kW/cm<sup>2</sup> @ 980 nm, Whichever is Less\*
- Low OH Fiber with 0.22 NA
- Operating Wavelength Range: 350 - 2500 nm
- SMA 905 Style Connectors with Stainless Steel Ferrules
- Polished End Face
- Epoxy Free

\*The damage threshold on these assemblies will vary based on launch conditions and operating wavelength.

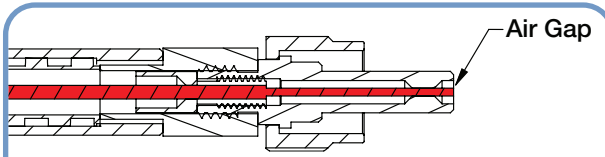


These High-Power SMA Patch Cables utilize air-gap-ferrule technology that eliminates energy-absorbing materials near the fiber end face such as epoxies, connector materials, and coatings, making them ideal for high-power applications. The connector ferrules, which are fabricated from stainless steel but can also be made from beryllium, copper, or a customer-specified material, are used as a heat sink, quickly pulling the heat away from the fiber. The damage threshold on these assemblies will vary with launch conditions and operating wavelength.

Each cable assembly goes through several inspections during the fabrication process, which include extensive material and optical inspection. The extensive inspections begin prior to production and continue throughout the entire production cycle, leading to an exceptional product.

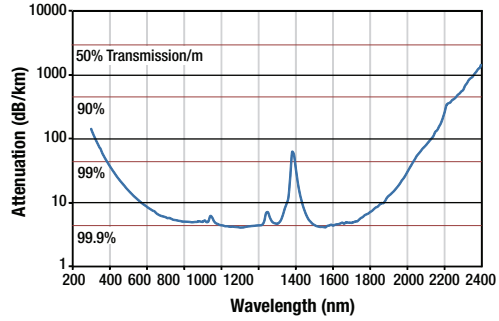
There are some special considerations to keep in mind when handling high power cables. Please visit our website for specific handling guidelines.

**NOTE:** Before utilizing this product, the user should determine the suitability of the product for its intended use. The user assumes all risks and liability with such use. The proper operation and handling of these devices is imperative to prevent damage of the product and all related equipment. Thorlabs is not responsible for any damage incurred due to improper use.



The drawing above is a cross section of the SMA connector used with our high-power multimode patch cables. The air-gap ferrule avoids epoxy, which limits the power handling of the fiber.

0.22 NA Low OH Multimode Fiber



ITEM #	CORE	CLADDING	BUFFER	COATING	NA	FIBER	L*	\$	£	€	RMB
M200L02	Ø200 µm ± 2%	Ø240 µm ± 2%	Ø260 µm ± 3%	Ø400 µm ± 5%	0.22 ± 0.2	BFL22-200	2 m	\$ 257.00	£ 185.04	€ 223,59	¥ 2,048.29
M365L02	Ø365 µm ± 2%	Ø400 µm ± 2%	Ø425 µm ± 3%	Ø730 µm ± 5%	0.22 ± 0.2	BFL22-365	2 m	\$ 273.00	£ 196.56	€ 237,51	¥ 2,175.81
M550L02	Ø550 µm ± 2%	Ø550 µm ± 2%	Ø630 µm ± 3%	Ø1040 µm ± 5%	0.22 ± 0.2	BFL22-550	2 m	\$ 320.20	£ 230.54	€ 278,57	¥ 2,551.99

\*Length

## Have you seen our...



# Complete Fiber Optic Cleaning Kit

This kit includes everything needed to easily clean connectorized fiber without damaging the AR coating.

- ◆ 3 oz Can of Fiber Connector Cleaner (FCS3)
- ◆ Connector Cleaning Sticks (MCC25)
- ◆ Tub of Lint-Free Wipes (LFW90)
- ◆ Handheld Connector Cleaner (FCC-7020)
- ◆ Replacement Reel for Handheld Connector Cleaner (FCC-7021)

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