

Fiber Lab 800

Benefits:

- Exactly simulates field applications to 25km
- Custom fiber types, lengths, and connectors
- Provides stable and consistent performance
- Eliminates fiber crimping and breakage

Ideal Applications:

- Development/Manufacturing Test Areas
- Field Testing
- Central Offices/Head Ends/Networks
- Shows and Exhibits

**Description:**

The **Fiber Lab 800** from M2 Optics Inc. provides a portable test facility for anyone working with fiber optic products and systems. Specifically designed as a tabletop unit, it can be easily utilized and moved in a variety of settings with minimal maintenance.

This state-of-the-art package has tremendous flexibility, housing an individual spool or a total of 25km of fiber while eliminating fiber crimping and breakage. We use only high quality materials which assures long-lasting usage as well as excellent performance. Since every client has unique needs, M2 will build each unit to your exact specifications - custom fiber types, lengths, and connectors are available.

At M2, our goal is 100% customer satisfaction and we will work closely with your team to develop a solution that meets your requirements. If you have a question or a new project, we welcome you to contact your local sales representative to discuss the opportunity.

(See reverse side for specifications and ordering information)

Other Products in the Fiber Lab Series:

Fiber Lab 250
Fiber Lab 1600
Fiber Lab 3200 (*shown*)

Coming soon in early 2009:

Fiber Lab 600
Fiber Lab 1200



www.m2optics.com

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Fiber Lab 800

Performance:

The Fiber Lab 800 canister can be purchased with or without fiber installed. If you already own Corning single-width fiber spools, simply specify the interface front panel adapter and install your spools in the canister. Or you can purchase the product complete with the fiber spool installed and ready to use. Up to 8 dB or 25 km of fiber can be specified and installed in each canister.

Mechanical:

Size:

The Fiber Lab 800 product is single spool canister that measures 10"X10"X 5" in size. It has a flat front panel for mounting fiber interface adapters and is made of clear Lexan. Colors can be provided with sufficient order quantities. A convenient carrying handle is provided with the unit so that it can be easily moved or carried.

Weight:

7 Pounds/(3 Kilograms) - Maximum weight, fully loaded with 25 km of fiber.

Environmental:

Operating temp -10 C to +55 C. Storage temp -10 C to +55 C.

Ordering Information

If ordering the Fiber Lab 800 canister **only**, order part number FL8-xxx-yy (connector) z (polish). Example: FL8-xxx-SCA. Otherwise specify the part number completely. Example: FL8-10k-S-10-28-SCA.

Fiber Lab	Attenuation (dB) or length (km)	Mode	Wavelength	Fiber Type	Connector	Polish
FL8	XXX - empty YYD - dB YYK - km	S = Single Mode	10 = 1310 nm	28 = SMF-28	SC	A = APC
		Multimode Contact Factory	Other λ Contact Factory	Other Fiber Contact Factory	FC	P = PC
					ST	U = UPC