

MT Tracer

12-Fiber Visible Laser Source and Display



Features

- Viewing safe for eyes
- CW or 2Hz (2 cycles per second) output
- Direct connect - No fan-outs necessary

Applications

- Data Center - MPO Cable Verification
- Test polarity, continuity, and fiber mismatch
- Locate ends of unmarked cables in data centers

The MT Tracer is a compact multi-fiber visual fault locator (VFL) red laser source supporting 8- or 12-fiber MTP®/MPO connections. The user simply connects the 12-fiber cable directly to the unit and views the results.

Fibers can be tested individually or all at once. By progressing sequentially through the fibers, cables can be quickly checked for polarity by verifying the proper order at the output. Additionally, damaged fiber(s) are quickly identified with the MT Tracer saving trouble-shooting time when cables are put into service.

The MT Tracer source can be used to quickly trace cables in messy or un-documented setups. It provides a foolproof way of finding the “other end” amongst cluttered or unlabeled cables. Simply connect the MT Tracer Source to one end and look for the visual red light transmitted out the opposite connector.

The MT Tracer kit from AFL is a complete MTP/MPO cable polarity and continuity test solution and a must-have for technicians working with high-density fibers.

MT Tracer

12-Fiber Visible Laser Source and Display

Specifications

MT TRACER SOURCE	
Optical Wavelength	650 ±40 nm
Output Power Level	Minimum 0.5 mW, typical 1.0 mW (at each SM 9/125 fiber at the end of MTP cord)
Optical Connector	MTP® male SM, angled
Number of Output Fibers	12
Power	2 x AA alkaline batteries
Battery Life (alkaline)	40 hours
Low Battery	Indicated by 2 Hz LED blinking
Weight	0.29 kg (0.63 lb)
MT TRACER DISPLAY	
Input Connector	MTP® angled male 62.5 μ fiber
No. of input Connectors	1 (12-fiber MTP)
GENERAL	
Weight	Source: 0.29 kg (0.63 lb); Display 0.18 kg (0.4 lb)
Dimensions	9.9 x 3.8 x 14.3 cm (3.9 x 1.5 x 5.6 in)
Operation Temperature	0 °C to 40 °C, RH 85 % non-condensing
Storage Temperature	-30 °C to 50 °C, RH 95 % non-condensing

Ordering Information

DESCRIPTION	AFL NO.
MT Tracer Kit: Includes MT Tracer Source, MT Tracer Display, and carry case	TRCR-90-0900
MT Tracer Source	TRCR-20-0900
MT Tracer Display	TRCR-10-0900

Qualifications

CATEGORY	REGULATION/STANDARD	QUALIFICATION
CE Marking	EU	Compliant to relevant EU Directives on health, safety, and environmental protection, and certified with CE marking
Safety	EN	Compliant to EN 61010-1 for safety requirements for electrical equipment
	EN	Compliant to EN 61326-1 for EMC requirements for electrical equipment
RoHS	EU	Compliant to EU regulations Directive 2011/65/EU (RoHS 2) and Directive 2015/863 (RoHS 3)

Contact Sales@AFLglobal.com to schedule a demonstration or learn how to buy.

Visit www.AFLglobal.com/Test to learn more about MT Tracer

International Sales and Service Contact Information available at www.AFLglobal.com/Test/Contacts