

560XL-EMI FIBER OPTIC POWER METER

WITH ENHANCED EMI PERFORMANCE

TESTING | TROUBLESHOOTING | ACCURACY

Product Features:

MEASURE INSERTION LOSS AND OPTICAL POWER

Don't confuse the small size of the Tempo 560XL-EMI with its ability to provide powerful results. The 560XL-EMI Optical Power Meter is the perfect tool for installing and testing fiber optic cabling. The 560XL-EMI can be used to measure optical power, or can be used in conjunction with a LED or laser source for insertion loss testing on multi- and single-mode fiber optic cabling. The 560XL-EMI measures optical power at 850nm, 1300nm, 1310nm, and 1550nm. It can store reference levels for faster, more efficient testing*. The 560XL-EMI also uses a Snap On Connector (SOC) interface for use with FC, SC, ST, and many other available connectors.

* When used in conjunction with Tempo 570XL-A5100-EMI or 580XL-EMI source units.

- Easy to use - three buttons control all functions
- Rugged, splash-proof design
- Engineered for use in areas with high electrical interference
- Stores and recalls reference power levels for faster, more efficient measurements
- Enhanced EMI performance: MIL-STD-461E, Method RS103, tested to 190 V/m
- Loss measurements in dB; power measurements in dBm

SNAP ON CONNECTORS (SOC)



T1020



T1030



T1062

Snap on Connectors (SOC) are used on the 560XL Fiber Optic Power Meter. The Snap on Connectors configure the optical power meter for various optical connectors. Many other connector types are available.

The 560XL-EMI requires that the desired SOC adapter (SC, ST, FC, etc) to be ordered with each instrument. Refer to Ordering information on this datasheet.



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560XL-EMI INFORMATION

SPECIFICATIONS:

Calibration Wavelengths:	850, 1300, 1310 and 1550nm	
Power Range:	+3 dBm to -60 dBm	
Accuracy:	±0.25dB	
Linearity:	+3dBm to -3dBm -3dBm to -50dBm -50dBm to -60dBm	±0.5dB ±0.05dB ±0.5dB
Resolution:	0.01dB	
Power Requirements:	Two AA size 1.5V batteries (approx. 100 hours continuous operation)	
Connector interface:	SOC	
Operating temperature:	-15° C to +55° C	
Storage temperature:	-35° C to +70° C	
Humidity:	0 to 95% (non-condensing)	
Dimensions:	7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.)	
Weight:	241g (8.5 oz.)	
CE:	EN61010; EN50081-1: 1992; EN55011, Group 1, Class A EN50082-1: 1992 IEC 801-2, -3, -4	

Calibration conditions require using Diamond SA connectors.
Calibrations at 850nm require the source to be 850nm +/-0.2nm.

ORDERING INFORMATION:

CAT. NO.	DESCRIPTION
560XL-EMI	Fiber Optic Power Meter
T1020**	FC SOC Adapter
T1030**	ST SOC Adapter
T1062**	SC SOC Adapter

** ACCESSORY, SOLD SEPARATELY

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