

580XL-EMI 1310/1550NM LASER SOURCE

WITH ENHANCED EMI PERFORMANCE

TESTING | TROUBLESHOOTING | ACCURACY

Product Features:

SINGLEMODE LASER SOURCE FOR INSERTION LOSS TESTING

The Tempo 580XL-EMI is the perfect light source for performing insertion loss testing on single-mode fiber optic cabling. The 580XL-EMI features dual wavelength output (1310nm and 1550nm) for fast and accurate insertion loss measurements. Once the user sets a reference with an optical power meter, the 580XL-EMI Laser Source provides stable output for hours of continuous measurements.

The 580XL-EMI Laser Source also features a Universal Connector Interface (UCI) and can be configured to work with a variety of connector types (available separately).

- 1310nm / 1550nm wavelength Laser source
- Rugged, splash-proof design
- Long battery life: over 80 hours of continuous operation
- Continuous wave and modulated output settings
- Enhanced EMI performance: MIL-STD-461E, Method R5103 tested to 200 V/m

UNIVERSAL CONNECTOR INTERFACE (UCI)



APC-108



ATS-108



ATS-108

Universal Connector Interface (UCI) are used on the 580XL Fiber Optic Laser Source. The Universal Connector Interface configures the Optical Light Source for various optical connectors. Many other connector types are available.



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580XL-EMI INFORMATION

SPECIFICATIONS:

Center Wavelengths:	1310nm	1550nm
Range (typical):	1280nm to 1340nm	1520nm to 1580nm
Max. spectral width:	<5nm	<5nm
Stability (1 hour):	±0.05dB	±0.05dB
Typical power output (9/125µm):	-8dBm	-8dBm
Minimum Typical	-7dBm	-7dBm
Modulation frequency:	270Hz, 1 kHz and 2 kHz	270Hz, 1 kHz and 2 kHz
Power Requirements:	Two AA size 1.5V batteries (approx. 80 hours continuous operation)	Two AA size 1.5V batteries (approx. 80 hours continuous operation)
Connector interface:	UCI	UCI
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	
CDRH laser class:	Class 1	

ORDERING INFORMATION:

CAT. NO.	DESCRIPTION
580XL-EMI	1310/1550nm Laser Source
APC-108*	FC UCI Adapter
ATS-108*	ST UCI Adapter
ASC-108*	SC UCI Adapter

* ACCESSORY, SOLD SEPARATELY

1390 Aspen Way Vista, CA • 92081 TC5910 03/20

Latin America Phone : 1.760.510.0558 | EMEA Phone: +44 (0) 1633 927050
©2020 Tempo Communications Inc. • An ISO 9001 Company

EMEA Office: Tempo Europe Limited

Brecon House, William Brown Close, Cwmbran • NP44 3AB, UK

TempoCom.com | tel 800.642.2155 | sales@tempocom.com



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