

fiberTOOLS™

580XL-EMI

1310/1550NM LASER SOURCE WITH ENHANCED EMI PERFORMANCE

SINGLEMODE LASER SOURCE FOR INSERTION LOSS TESTING

The Greenlee 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).



580XL-EMI fiberTOOLS™

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www.youtube.com/GreenleeDEMO



PRODUCT FEATURES

- 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 RS103 tested to 200 V/m

SPECIFICATIONS

OPTICAL		
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)		
<i>Minimum</i>	-8dBm	-8dBm
<i>Typical</i>	-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

ENVIRONMENTAL	
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

UNIVERSAL CONNECTOR INTERFACE (UCI)



APC-108



ATS-108






ASC-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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ORDERING INFORMATION

CAT. NO.	UPC NO.	DESCRIPTION
580XL-EMI	00246	1310/1550nm Laser Source
 APC-108	60572	FC UCI Adapter
 ATS-108	60573	ST UCI Adapter
 ASC-108	60574	SC UCI Adapter

 = ACCESSORY, SOLD SEPARATELY



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