

fiberTOOLS™

570XL-AS100-EMI

850/1300NM LED SOURCE WITH ENHANCED EMI PERFORMANCE

MULTIMODE LED SOURCE FOR INSERTION LOSS

The Greenlee 570XL-AS100-EMI is a small, rugged source for insertion loss testing multi-mode fiber optic cables. Dual wavelength output (850nm and 1300nm) enables fast and accurate insertion loss measurements. Once the user has set the reference with an optical power meter, the 570XL-AS100-EMI LED Source provides stable output for hours of continuous measurements.

The 570XL-AS100-EMI LED Source also features a Universal Connector Interface (UCI) and can be configured to work with a variety of connector types (available separately).



fiberTOOLS™ 570XL-AS100-EMI

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www.youtube.com/GreenleeDEMO



PRODUCT FEATURES

- 850nm / 1300nm wavelength LED Source
- Rugged, splash-proof design
- Long battery life: over 80 hours of continuous operation
- Continuous wave and modulated output settings
- Supports a wide range of UCI connectors, including FC, SC, and ST
- Configured to meet AS100 launch conditions
- Enhanced EMI performance: MIL-STD-461E, Method RS103 tested to 200 V/m

SPECIFICATIONS

OPTICAL		
Center Wavelengths	850nm	1300nm
Range (typical)	840nm to 880nm	1270nm to 1345nm
Max. spectral width	55nm	150nm
Stability (1 hour)	±0.05dB	±0.05dB
Typical power output		
100/140um	-13dBm	-20dBm
62.5/125um	-13dBm	-20dBm
50/125um	-14dBm	-14dBm
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

UNIVERSAL CONNECTOR INTERFACE (UCI)



APC-108



ATS-108






ASC-108

Universal Connector Interface (UCI) are used on the 570XL Fiber Optic LED 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
570XL-AS100-EMI	00245	850/1300nm LED 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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