

# 570XL 850/1300nm LED Source

***fiberTOOLS™***



## Multimode LED Source for Insertion Loss

The 570XL is the perfect light source for performing insertion loss testing on multimode fiber optic cabling. 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 LED source provides a stable output for hours of continuous measurements.

The 570XL LED source is configured for FC, SC and ST fiber optic connectors.

## PRODUCT FEATURES

- 850/1300nm wavelengths
- Stable calibrated output
- Easy-to-use
- Continuous wave and modulated output
- Fixed connector interface FC, SC or ST
- Long battery life - approx. 80 hours continuous operation
- User selectable auto shut-off
- Rugged and splash-proof
- Economically priced

## 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	-21dBm
Modulation frequency	270 kHz, 1 kHz and 2 kHz	270 kHz, 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	FC, SC or ST	FC, SC or ST
Environmental		
Operating temp.	-15° C to +55° C	
Storage temp.	-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	

## ORDERING INFORMATION

CAT NO.	UPC NO.	DESCRIPTION	QTY
570XL-FC	84486	850/1300nm LED Source w/FC Interface	1
570XL-SC	84487	850/1300nm LED Source w/SC Interface	1
570XL-ST	84488	850/1300nm LED Source w/ST Interface	1

## DISTRIBUTED BY



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