

# 580XL 1310/1550nm Laser Source

***fiberTOOLS™***



## Singlemode Laser Source for Insertion Loss Testing

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

The 580XL laser source is configured for FC, SC and ST fiber optic connectors.

## PRODUCT FEATURES

- 1310/1550nm 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	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 (9/125)		
Minimum	-8dBm	-8dBm
Typical	-7dBm	-7dBm
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 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.	UPC NO.	DESCRIPTION	QTY
580XL-FC	84489	1310/1550nm Laser Source w/FC Interface	1
580XL-SC	84490	1310/1550nm Laser Source w/SC Interface	1
580XL-ST	84491	1310/1550nm Laser Source w/ST Interface	1

## DISTRIBUTED BY



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