

# 580XL 1310/1550nm Laser Source

***fiberTOOLS***<sup>™</sup>



## 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.

- 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

Optical		
<b>Center Wavelengths</b>	1310nm	1550nm
<b>Range (typical)</b>	1280nm to 1340nm	1520nm to 1580nm
<b>Max. spectral width</b>	<5nm	<5nm
<b>Stability (1 hour)</b>	±0.05dB	±0.05dB
<b>Typical power output (9/125)</b>		
<b>Minimum</b>	-8dBm	-8dBm
<b>Typical</b>	-7dBm	-7dBm
<b>Modulation frequency</b>	270 kHz, 1 kHz and 2 kHz	270 kHz, 1 kHz and 2 kHz
<b>Power Requirements</b>	Two AA size 1.5V batteries (approx. 80 hours continuous operation)	Two AA size 1.5V batteries (approx. 80 hours continuous operation)
<b>Connector interface</b>	FC, SC or ST	FC, SC or ST
Environmental		
<b>Operating temperature</b>	-15° C to +55° C	
<b>Storage temperature</b>	-35° C to +70° C	
<b>Humidity</b>	0 to 95% non-condensing	
<b>Dimensions</b>	7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in.)	
<b>Weight</b>	241g (8.5 oz.)	
<b>CE</b>	EN61010; EN50081-1: 1992; EN55011, Group 1, Class A EN50082-1: 1992 IEC 801-2, -3, -4	
<b>CDRH laser class</b>	Class 1	

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

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