525-30 Smart Optical Loss Test Set

- Automated bi-directional testing.
- Optical return loss measurements.
- Dual wavelength insertion loss measurements.
- Multi-mode and Single-mode models feature user settable PASS/FAIL thresholds.
- Communications between units via messaging.
- Wide dynamic range optical power meter.
- Test record storage and data management software.
- Rugged outside plant instrument package.
- Universal connector interface.

CAT. NO.	UPC NO.	DESCRIPTION
525-30-PCX	49981	850/1300nm Smart Optical Loss Test Set - PC Connectors

AUTOTEST INSERTION LOSS

Test Port	
Measurement Range	25dB
Calibrated Wavelengths	850, 1300nm

GENERAL SPECIFICATIONS

Display Type	Graphics Liquid Crystal with Backlight
Fiber Type	Multimode 62.5/125 um
Standard Connector Type	FC, SC, ST or other connector options available
Operating Temperature	0° C to +50° C
Storage Temperature	-20° C to +60° C
Relative Humidity	0 to 95% RH non-condensing
Size	7.6 x 4.3 x 2.3 in. (19.3 x 10.9 x 5.8 cm)
Weight	2.2 lbs. (1.0 kg)
Power	Internal rechargeable NiMH
Battery Life	> 8 hours

SPECIFICATIONS

POWER METER

Dector Type	InGaAs
Display Range	+10dBm to -70dBm
Calibrated Wavelengths	850, 980, 1300, 1310, 1550, 1480, 1625
Absolute Accuracy	<±0.25 dB
Resolution	0.01 dB
Measurement Units	dBm, dB, W

SOURCE

Center Wavelength	850nm ±30nm	1300nm ±30nm
Spectral Width	<170	<170
Output Power	>-21dBm	>-21dBm
Output Stability	<±0.10dB/8 hrs	<±0.10dB/8 hrs
HOMP		0.03dB to 0.80dB
Connector Type	UCI-APC flat polish adapter 62.5/125 SM	

Fiber Optic Power Meter

- Easy to use - three buttons control all functions.
- Loss measurements in (dB); power measurements in (dBm).
- 0.01dB measurement resolution.
- Multi-wavelength storage - store and recall reference power levels for faster, more efficient measurements.
- Snap-On connector interface adapts to FC, SC and ST connectors.
- Long battery life.
- User selectable auto shut-off.
- Rugged and splash-proof.
- Economically priced.

CAT. NO.	UPC NO.	DESCRIPTION
560XL	84485	Fiber Optic Power Meter

SPECIFICATIONS

OPTICAL

Calibration Wavelengths	850nm, 1300nm, 1310nm and 1550nm
Power Range	+3 dBm to -60 dBm
Accuracy	± 0.25dB
Linearity	
+3dBm to -3dBm	±0.5dB
-3dBm to -50dBm	±0.05dB
-50dBm to -60dBm	±0.5dB
Resolution	0.01dB
Power Requirements	Two AA size 1.5V batteries (approx. 100 hours continuous operation)
Connector interface	FC, SC or ST SOC Adapter

SPECIFICATIONS

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

® = REPLACEMENT PART   A = ACCESSORY