

HAND HELD SERIES POWER METER & LIGHT SOURCE



FEATURES

- Zero Set Reference Storage Ability at Each Wavelength
- 2mm Germanium Photodiode
- High Resolution Unit with 1490nm Calibrated Wavelength
- Standard with 2.5mm & 1.25mm Universal Adapters
- Auto Shut Off
- 70-Hour Battery Life
- Optional AC Power Supply
- Low Battery Indicator
- Protective Rubber Boot
- CATV Version Available

Power Meter

The zero set Power Meter will deliver accuracy and save you money. The user-friendly keypad enables installers to quickly and easily test fiber optic networks.

Light Source

The Light Source offers great flexibility. Users now have the option to purchase single/ dual LED or Laser sources. The ability to mix one LED and one laser in a unit is a custom service offered by Fosco.

SPECIFICATIONS

Optical Power Meter

Wavelengths	850/1310/1550nm
Resolution	0.1dB HH Series 0.01dB HR Series
Detector	2mm Germanium
Dynamic Range	-65dBm to +5dBm -45dBm to +23dBm (CATV Version singlemode) -30dBm to +23dBm (CATV Version multimode)
Accuracy	±.3dB
Operating Temp.	-10° to 50°C
Battery	9V Alkaline
Dimensions	6 ¼" L x 3 ¼" W x 1 ¼" D

Optical Light Source

LED	850nm & 1300nm
Output Power	-19.0 dBm min (62.5/125um Fiber)
Lasers	1310nm & 1550nm
Output Power	-1.0 dBm min (9/125um Fiber)
Modulation Modes	Continuous Wave Or 2 kHz Modulated Wave
Operating Temp.	-10° to 50°C
Battery	9V Alkaline
Dimensions	6 ¼" L x 3 ¼" W x 1 ¼" D

ORDERING INFORMATION - POWER METERS

F1-8513HR	Hand Held Power Meter with 0.01dB Resolution
F1-8513HRCATV	CATV Hand Held Power Meter with 0.01dB Resolution
F1-8513HR-4	0.01dB Resolution Power Meter with 1310/1490/1550nm
F1-8513HRCATV-4	CATV 0.01dB Resolution Power Meter with 1310/1490/1550nm

ORDERING INFORMATION - LIGHT SOURCE

9050-0000	850nm LED Light Source with ST Adapter
9051-0000	1300nm LED Light Source with ST Adapter
9052-0000	Dual 850/1300nm LED Light Source with ST Adapter
9053-0000	1310nm Laser Light Source with FC Adapter
9054-0000	1550nm Laser Light Source with FC Adapter
9055-0000	Dual 1310/1550nm Laser Source with FC Adapter
9056-0000	1490/1550nm Laser Light Source with FC Adapter
9058-0000	Dual 1300nm LED/1310nm Laser Source (ST & FC)