

# FIS 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 FIS 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 FIS.

## SPECIFICATIONS

### Optical Power Meter

|                 |  |
|-----------------|--|
| Wavelengths     | 850/1310/1550nm  |
| Resolution      | 0.1dB HH Series<br>0.01dB HR Series  |
| Detector        | 2mm Germanium  |
| Dynamic Range   | -65dBm to +5dBm<br>-45dBm to +23dBm (CATV Version singlemode)<br>-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

|                  |  |
|------------------|--|
| Lasers (VCSEL)   | 850nm & 1300nm                             |
| Output Power     | -1 dBm min (62.5/125um Fiber)              |
| Lasers           | 1310nm & 1550nm                            |
| Output Power     | -1.0 dBm min (9/125um Fiber)               |
| Modulation Modes | Continuous Wave<br>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 Laser Light Source with ST Adapter           |
| 9051-0000 | 1300nm Laser Light Source with ST Adapter          |
| 9052-0000 | Dual 850/1300nm Laser 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      |
| 9055-0001 | Dual 1310/1550nm Laser Source with ST Adapter      |
| 9056-0000 | 1490/1550nm Laser Light Source with FC Adapter     |
| 9058-0000 | Dual 1300nm/1310nm Laser Source (ST & FC)          |