# power meter & light source

# F-Series

## Features:

zero set reference at each wavelength

10 minute auto shut off

40-hour battery life

battery level indicator

protective carrying case

convenient backlight screen

3 alkaline AA batteries

## Power Meter

The Wilcom meter is meant to meet the high demands of fiber optic testing. It can be used for the absolute power measurement and relative measurement of the link loss in dB. Its compact size, user friendly interface, broad power measurement range and precision makes it a high performance testing device ideal for network testing. Available with 1,000 point data measurement storage and reporting software with USB connection to a compatible Windows device. Interchangeable adapter caps are included (ST, FC, SC, universal 2.5mm & 1.2mm)

## Light Source

Wilcom light sources include a dual wavelength multimode (LED) or singlemode (Laser) light source. When used with the Wilcom power meter, they provide accurate and cost efficient test solutions for fiber optic networks. Interchangeable adapter caps are included (ST, FC & SC)

## Specifications:

| Optical Power Meter | |
| --- | --- |
| Wavelengths (nm) | 850, 1300, 1310, 1490, 1550, 1625 |
| Detector | InGaAs Dynamic |
| Dynamic Range | -70 dBm to +6dBm |
| Accuracy | +/- 5% |
| Operating Temperature | -10° to 60°C |
| Battery | Alkaline, 3xAA, 1.5V |
| Dimensions | 8"L x 1.5" W x 2" D |

| Optical Light Source | |
| --- | --- |
| LED | 850nm & 1300nm |
| Laser | 1310nm & 1550nm |
| Output Power | -7dBm |
| Modulation Modes | CW, 270Hz, 1kHz, 2kHz |
| Operating Temperature | -10° to 56°C |
| Battery | Alkaline, 3xAA, 1.5V |
| Dimensions | 8"L x 1.5" W x 2" D |

## Ordering Information:

| Power Meter | Part Number | Description |
| --- | --- | --- |
| F8513PM | 30032676 | Power Meter, Standard with 0.01dB Resolution |
| F8513PMD | 30032677 | Power Meter, Advanced with Data Storage, Reporting Software & USB |
| F8513PMC | 30032675 | Power Meter, CATV Power Range -45 dBm to +23 dBm |

| Light Source | Part Number | Description |
| --- | --- | --- |
| F8513LS | 30032682 | Dual 850/1300nm LED Light Source |
| F1315LS | 30032679 | Dual 1310/1550nm Laser Light Source |

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# F-Series KITS



## Power Meter & Light Source Kits

All power meter and light source kits include appropriate reference cords, mating sleeves, mandrels and a carrying case for your convenience.

## Ordering Information:

| Model | Part Number | Description | Power Meter | Source SM | Source MM |
|---|---|---|---|---|---|
| FSMKIT1 | 30032685 | SM (1310/1550) Test kit | F8513PM | F1315LS | |
| FSMKIT2 | 30032688 | SM (1310/1550) Test Kit (w/storage) | F8513PMD | F1315LS | |
| FMMKIT3 | 30032691 | MM (850/1300) Test Kit | F8513PM | | F8513LS |
| FMMKIT4 | 30032694 | MM (850/1300) Test Kit (w/storage) | F8513PMD | | F8513LS |
| FQUADKIT5 | 30032697 | SM/MM (850/1300/1310/1550)  Test kit | F8513PM | F1315LS | F8513LS |
| FQUADKIT6 | 30032673 | SM/MM (850/1300/1310/1550)  Test kit (w/storage) | F8513PMD | F1315LS | F8513LS |

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