



**FIBER TOOLS**

# MICRO OPTICAL POWER METER

Essential Tools for the Premise Technician

TESTING | TROUBLESHOOTING | ACCURACY

## Product Features:

- Wide measurement range (+10 to -70dBm)
- High power CATV range (+26 to -50dBm)
- VFL for safe and effective fault locating
- Singlemode and multimode compatible
- Calibrated wavelengths of 850, 980, 1270, 1300, 1310, 1490, 1550, 1577, 1625, 1650nm
- 270Hz, 1kHz and 2kHz tone detect
- Auto power off

## CONTENTS:

- Micro OPM with VFL
- Lanyard
- Instruction Sheet

## ORDERING INFORMATION:

| CAT. NO. | DESCRIPTION                 |
|----------|-----------------------------|
| OPM210   | Standard Power OPM with VFL |
| OPM220   | High Power OPM with VFL     |
| 03579    | 1.25mm Adapter              |
| 08325    | Micro OPM Carry Case        |
| CAL CERT | Calibration Certificate     |



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## SPECIFICATIONS:

| PARAMETER               | SPECIFICATIONS   |  |
|-------------------------|--|--|
| Model:                  | <b>OPM210</b>  | <b>OPM220</b>                          |
| Measurement Range:      | -70 to +10dBm<br>(1310/1490/1550/1625)                     | -50 to +26dBm<br>(1310/1490/1550/1625) |
|                         | -60 to +10dBm (850/1300)                                   | -40 to +26dBm (850/1300)               |
| Calibrated Wavelengths: | 850, 980, 1270, 1300, 1310, 1490, 1550, 1577, 1625, 1650nm |  |
| Display Resolution:     | 0.01dB   |  |
| Accuracy*:              | +/-0.25dB  |  |
| Linearity*:             | +/-0.5dB (+10 to -3dBm)                                    | +/-0.5dB +26 to -3dBm                  |
|                         | +/-0.1dB (-3 to -50dBm)                                    | +/-0.1dB -3 to -50dBm                  |
|                         | +/-0.5dB (-50 to -70dBm)                                   |  |
| Connector:              | Universal 2.5mm  |  |
| Wavelength Response:    | 700 - 1700nm   |  |
| Detector:               | InGaAs   |  |
| Tone Frequency          | 270Hz, 1kHz and 2kHz                                       |  |
| Power Supply:           | AAA x 2 Alkaline   |  |
| Battery Lifetime:       | >60 Hours (DPM mode)                                       |  |
| Operating Temperature:  | -10 to +50°C (<90% Relative Humidity)                      |  |
| Storage Temperature:    | -20 to +60°C (<90% Relative Humidity)                      |  |
| VFL Wavelength:         | 650nm +/-20nm  |  |
| VFL Output:             | ≤ 1mW/ 2Hz   |  |
| VFL Range:              | 4km  |  |
| Size:                   | 106 x 58 x 28mm (4.17 x 2.28 x 1.10")                      |  |
| Weight:                 | 106g (0.23lbs)   |  |
| Auto Power Off:         | 10 minutes of no activity                                  |  |

\* at -10dBm with FC connector at 23C Specifications subject to change without notice.

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