

# Optical Power Meter

## FOD 1204 Series



The FOD 1204 & FOD 1204H Optical Power Meters are intended for accurate measurements of up-to-date optical communication for both Singlemode and Multimode applications.

Protective rubber boot and a soft carrying case included.

Changeable adapters: FC, ST, SC, Universal 2.5mm, Universal 1.25mm, LC.

RoHS Compliant

### Applications

- Ultralow Direct Loss
- High Back Reflection from PC, APC and super-PC Connectors and fusion splices
- Very small temperature and temporal variations of Loss in Fibers and Connectors
- Slight power changes in Optical Sensors
- Calibration of Optical Attenuators, Light Sources etc.
- Test both CW and modulated optical signals



MODEL	FOD 1204	FOD 1204H
Calibrated Wavelengths, nm	850/980/1310/1480/1550	
Detector Type	InGaAs (1mm active diam.)	
Measuring Power Range, dBm	+10 to -73	+27 to -53
Nonlinearity, dB	±0.05 @ -60 to +7 dBm ±0.15 @ -70 to +10 dBm	±0.05 @ -40 to +27 dBm ±0.15 @ -50 to -40 dBm
Relative accuracy, dBm	±0.15	
Calibration stability, dBm	±0.1 @ 0 to 50°C	
Resolution, dBm	0.01 0.001 @ -9.999 to +9.999	
Operation time	200 Hours Typical	
Weight and dimensions	230 g, 147x74x28 mm	
Operating temperature	-10 to +50°C, 75% humidity non-condensing	
Storage temperature	-30 to +60°C, 75% humidity non-condensing	
Power supply	2 AA	

### ORDERING INFORMATION

Specify adapter type when ordering. For example:  
FOD 1204 – ST (Optical Power Meter FOD 1204 with ST adapter)

**WARRANTY: 3 YEARS**