

Optical Tester FOD 1208



The Optical Tester FOD 1208 includes Light Source at 1310 and 1550 nm, Optical Power Meter and Visual Fault Locator. Wave ID mode allows to indicate test results at two wavelengths permanently to save technician's time and avoid measurement mistakes.

FOD 1208 is created for service and maintenance. The main application is optic cables attenuation measurement.

- Two wavelength test results are indicated permanently
- Power Meter, Light Source and Visual Fault Locator in one compact case
- Automatic wavelength identification
- Tone detection

Protective rubber boot; soft carrying case;
AC Adapter 110-240V / 50-60Hz included

ORDERING INFORMATION

Changeable adapters. Specify adapter type when ordering.
Power Meter input port: FC, ST, SC, Universal 2.5mm, Universal 1.25mm, LC

Light Source output port: FC, ST, SC, LC

RoHS Compliant

WARRANTY: 3 YEARS

SPECIFICATIONS	
Optical Power Meter	
Wavelength ID Mode	1310/1550; 1490/1550; 1550/1625 nm
Calibrated Wavelength	1310, 1490, 1550, 1625, 1650 nm
Measurement Range	-47 to +23 dBm
Resolution	0.01 dB
Accuracy*	±0.25 dB
Measurement Units	mW, μW, nW, dBm, dB
Photodiode, active diameter	InGaAs, 1mm
Tone Detection	1kHz, 2kHz, 270 Hz, 330 Hz, Wave ID
Tone Detect Range	>-40 dBm
Wavelength ID Range	>-35 dBm
Battery Lifetime	400 Hours
Changeable Adapter	FC, ST, SC, LC, Universal 1.25 and 2.5mm
Light Source	
Wavelength	(1310±20), (1550±20) nm
Spectral Width	2 nm typical, 5 nm maximum
Output Power	1 mW
Nonstability@1 Hour	0.05 dB
Internal Modulation	1kHz, 2kHz, Wave ID, CW
Battery Lifetime	40 Hours
Changeable Adapter	FC, ST, SC, LC, Universal 2.5mm
Fault Locator	
Wavelength	(650±10) nm
Output Power	0.8mW in SM 9/125μ fiber
Safety Class	Class II FDA21 CFR 1040.10 and 1040.11, IEC 60825-1:2007-03
General	
Weight and dimensions	147x74x28cm / 250g
Power	NiMH rechargeable batteries + AC Adapter 110-240V / 50-60Hz
Operating temperature	-10 to +50°C, 75% humidity non-condensing
Storage temperature	-30 to +60°C, 75% humidity non-condensing

* @23±2°C, -20 dBm optical power, ±2 nm calibrated wavelength