

FX45 - 48 Series

Optical Power Meter (OPM) Optical Light Source (OLS) Optical Loss Test Set (OLTS)

Fiberizer® software for Windows® Desktop, Android™, and/or Apple® mobile devices is available to assist in data transfer, record management, and report generation for various VeEX fiber optics testers. View the Fiberizer webpage for more details.

KEY FEATURES

- Singlemode and Multimode testing
- PON, Telecom, CATV and LAN/WAN applications
- Dual wavelength laser source and power meter
- OPM, OLS, OLTS configurations
- High accuracy and wide dynamic range
- Save OPM measurements (> 1000 single results) with timestamp
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- Reference power level setup and recall
- Frequency detection for fiber identification
- Wave ID automatically detects incoming wavelength from compatible VeEX light source
- Splash resistant keypad and chassis design
- High contrast display - Visible outdoors and backlight for indoor or low light conditions
- Alkaline or Rechargeable batteries with Auto power off
- Field interchangeable OPM adapters support multiple connector types and allow easy access for cleaning

KEY SPECIFICATIONS

Optical Power Meter (OPM)

- Calibrated wavelengths (FX45): 850, 1300, 1310, 1490, 1550, 1625, 1650 nm
- Calibrated wavelengths (FX48): 830, 850, 940, 980, 1300, 1310, 1330, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610, 1625 & 1650 nm
- Detector type: InGaAs
- Level measurement range:
- PM1 version: -65 to +10 dBm
- PM2 version: -50 to +25 dBm
- PM3 version: -65 to +15 dBm
- Accuracy: +0.2 dB or 5%
- Wave ID detection (compatible VeEX source): 1310, 1490, 1550, 1625, & 1650 nm

Optical Light Source (OLS)

- Wavelengths: 1310/1490 nm or 1310/1550 nm or 850/1300 nm
- Test Tone Generation: 270, 1 kHz, 2 kHz
- Stability: ± 0.03 dB for insertion loss measurements
- Laser Safety: Class 1

General

- Communication port: micro USB
- Connector or Adaptor types: FC/SC/ST/LC, Universal 1.25, Universal 2.5 mm
- CE compliance as per IEC 61326
- Battery operating time: approximately 80 hours (without backlight)

