erat

FX40 Series

Optical Power Meter (OPM)
Optical Light Source (OLS)

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
- Built-in universal 2.5 mm tip sleeve
- PON, Telecom, CATV and LAN/WAN applications
- Dual wavelength laser source and power meter options
- High accuracy and wide dynamic range
- Save OPM measurements (>100 single results)
- Transfer stored results to a PC or upload results to Fiberizer Cloud via micro USB interface for report generation and printing
- Reference power level setup and recall
- Splash resistant keypad and chassis design
- High contrast display - Visible outdoors and backlight for indoor or low light conditions
- Alkaline or Rechargeable battery option with Auto power off
- Field interchangeable optical adaptors support multiple connector types and allow easy access for cleaning

KEY SPECIFICATIONS

Optical Power Meter (OPM) 3
- Calibrated wavelengths: 850, 1300, 1310, 1490, 1550, 1625, 1650 nm
- Power Level Range:
- -PM1 version: -65 to +7 dBm
- -PM2 version: -50 to +25 dBm
- Accuracy1,2: up to ±0.2 dB or 5%
- Modulation and Wave ID detection: Not supported

Optical Light Source (OLS) 3
- Wavelengths: 1310/1490 nm or 1310/1550 nm or 850/1300 nm to OLS wavelengths
- Test Tone Generation: 270, 1 kHz, 2 kHz
- Stability: ±0.03 dB for insertion loss measurements

Visual Fault Locator (VFL) 4
- Wavelength: 650 nm
- Connectory style: Universal 2.5 mm
- Mode: CW or 2 Hz
- Power Output: 1 mW
- Laser Safety: Class 2

General
- Results saving: 100 without timestamp
- OPM Remote control data transfer using LT-Sync PC software
- Communication port: micro USB
- OLS/OPM adaptor types: FC/SC/ST/LC/E2000, Universal 1.25 mm, Universal 2.5 mm
- Battery: Alkaline (AA) or Optional NiMH with 5V micro-USB power adaptor
- Battery operating time: approximately 100 hours (without backlight)