

FX82 - 82s

Optical Power Meter (OPM)

The FX82 features excellent measurement accuracy over a broad wavelength and wide dynamic range in demanding test environments. The unit is calibrated at all legacy wavelengths while CWDM wavelengths can be added as an option. Automate multi-wave DWDM IL loss measurement and verify cable routes using our new Sweep Loss Test Kit, comprised of FX87s and FX82s meters.

PLATFORM HIGHLIGHTS

- Handheld, lightweight and rugged form factor
- Splash and dust resistant design
- High contrast LCD - visible outdoors and backlight for indoor or low light conditions
- Intuitive menu structure for measurement and reference settings
- Protective rubber boot with tilt bail stand
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- Rechargeable Li Polymer battery pack
- Micro-USB, 5 Volt DC charger

SOFTWARE HIGHLIGHTS

- LT-Sync PC software for offloading test results and basic pdf report generation
- Fiberizer® Desktop Plus and Cloud versions for transfer of saved results from PC for advanced post processing
- Fiberizer® Mobile (Android) for USB tethering applications

KEY TEST APPLICATIONS

- Wavelength Range 800 to 1650 nm
- Calibrated wavelengths – 850, 1300, 1310, 1490, 1550, 1625 and 1650 nm
- Optional calibrated wavelengths – ITU-T G.694.2 CWDM grid, 18 channels
- Wide dynamic range 1mm, InGaAs photo detector
- WavelD auto wavelength recognition (when paired with compatible VeEX OLS)
- Universal interface with wide selection of industry connector adapters
- Non-volatile storage for saved test results
- Up to 1920 single wavelength records
- Date/Time stamping of test results
- Programmable thresholds with Pass/Fail

