

FX86

CWDM Quad Laser Source

The FX86 is a four port laser source used to verify, install and commission CWDM and PON networks. Verify wavelength routing and troubleshoot passive CWDM network elements or verify multiple PON drops with unique identifiers. Optimized for Access & Metro CWDM or PON test applications.



KEY FEATURES

- Low Cost, handheld user configurable CWDM Laser Source
- Fast boot-up time and laser stabilization (< 5 seconds)
- Supports any combination of four CWDM wavelengths
- Can be used with Fiber Identifiers
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- Output connectors equipped with hinged dust and protection shutter that automatically covers test port
- Monochrome LCD, 128 x 64 pixels, LED backlight display
- Li-Polymer rechargeable battery, > 4 hours operation
- Rugged Polycarbonate Case with impact resistant rubber boot, 1 meter drop tested
- Splash and dust resistant keypad

KEY SPECIFICATIONS

- Supports any combination of four CWDM wavelengths as defined by ITU G. 694.2 recommendation or any four PON wavelengths
- CWDM Wavelengths available: 1271, 1291, 1311, 1331, 1351, 1391, 1411, 1431, 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 nm
- PON Wavelengths available: 1271, 1310, 1491, 1551, 1577, 1611 nm
- Channel spacing: 20 nm (ITU G.694.2 grid)
- Wavelength accuracy: ± 3 nm
- Linewidth: ± 0.5 nm
- Modulation: 270 Hz, 330 Hz, 1 kHz and 2 kHz
- Optical Isolation: 40 dB
- SMSR: 35 dB minimum
- Output Power:
- Min: > 0 dBm
- Max: +2 dBm
- Laser Safety: Class 1 per IEC 60825-1:2014