



OptiFiber® Pro Series OTDRs Comparison Chart

| | OptiFiber Pro Series OTDRs | |
|-------------------------------|--|--|
| | OptiFiber Pro | OptiFiber Pro HDR |
| Models in Series | OFP2-100-M (850, 1300 nm), OFP2-100-S (1310, 1550 nm), OFP2-100-Q (850, 1300, 1310, 1550 nm) | OFP2-200-S (1310, 1550 nm) OFP2-200-S1490 (1310, 1490, 1550 nm) OFP2-200-S1625 (1310, 1550, 1625 nm) |
| Application | Enterprise, Datacenter, Campus | FTTx, Outside Plant, PON, POLAN, Access |
| Wavelengths | 850 nm, 1300 nm, 1310 nm, 1550 nm | 1310 nm, 1490 nm, 1550 nm, 1625 nm |
| Compatible fiber types | 50/125 μm, 62.5 μm, Singlemode | Singlemode |
| OTDR Port Connector | Cleanable UPC ferrule with removable SC adapter | Cleanable APC ferrule with removable SC adapter |
| Supplied Test Cords | Launch Fibers for testing LC systems | 2m TRC for testing SCAPC systems |
| OTDR types | Auto, Datacenter, Manual | Auto, Auto PON, Manual, Manual PON |
| Event Dead Zone | 850 nm: 0.5 m (typical), 1300 nm: 0.7 m (typical), 1310 nm: 0.6 m (typical), 1550 nm: 0.6 m (typical) | 1310 nm: 0.7 m (typical), 1490 nm: 0.7 m (typical), 1550 nm: 0.7 m (typical), 1625 nm: 0.7 m (typical) |
| Attenuation Dead Zone | 850 nm: 2.5 m (typical), 1300 nm: 4.5 m (typical), 1310 nm: 3.6 m (typical), 1550 nm: 3.7 m (typical) | 1310 nm: 4 m (typical), 1490 nm: 4 m (typical), 1550 nm: 4 m (typical), 1625 nm: 4 m (typical) |
| PON Dead Zone | N/A | 30 m (typical) |
| Dynamic Range | 850 nm: 28 dB (typical), 1300 nm: 30 dB (typical), 1310 nm: 32 dB (typical), 1550 nm: 30 dB (typical) | 1310 nm: 42 dB (typical), 1490 nm: 41 dB (typical), 1550 nm: 41 dB (typical), 1625 nm: 40 dB (typical) |
| Reflectance range | 850 nm: -14 dB to -57 dB (typical), 1300 nm: -14 dB to -62 dB (typical), 1310 nm: -14 dB to -65 dB (typical), 1550 nm: -14 dB to -65 dB (typical) | 1310 nm: -14 to -70 dB (typical), 1490 nm: -14 dB to -70 dB (typical), 1550 nm: -14 dB to -70 dB (typical), 1625 nm: -14 dB to -70 dB (typical) |
| Max Distance Range | 130 km | 260 km |
| Splitters Supported | N/A | 1x2, 1x4, 1x8, 1x16, 1x32, 1x64, 1x128, 2x2, 2x4, 2x8, 2x16, 2x32, 2x64, 2x128 |
| Sampling Resolution | 3 cm to 400 cm | 3 cm to 2 m |
| Sampling Points | Up to 64,000 | Up to 129,000 |
| Expert Manual Mode | Yes | Yes |

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|---|-------------------|-----|
| Realtime Trace with adjustable parameters | Yes | Yes |
| SmartLoop with on-board Bi-directional averaging | Yes | Yes |
| Macrobend detection | Yes | Yes |
| Span Support | Coming early 2019 | |
| Event editing and additions | Coming early 2019 | |
| VFL | Yes | Yes |