FLUKE networks

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

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