FIS MINI OTDR

FEATURES

- Lowest Cost Quad Wavelenght OTDR in the Industry
- New Hand Held Housing (Less than 2 lbs.)
- One Button Scan
- Data Storage Up to 255 Traces
- Certification Software Available
- Choice of LAN or Metro Formats
- Easy Zoom Features
- New Transit Case Available
- Single, Dual, Tri, Quad Versions

Although very compact, the FIS Mini-OTDR is a full-featured OTDR. It is available in a sleek hand held version (see page 3), as well as a slightly larger ruggedized version encased in an impact-resistant waterproof housing (pictured right).

Both units are ideally suited for repair and maintenance applications as well as new installations. Used with FIS Certification Software, the FIS Mini-OTDR enables the user to document and certify networks. The FIS Mini-OTDR is very fast, producing a scan within one second of pressing the scan button. Among its many features is an easy-to-use Zoom that enables the user to observe the entire link, or zoom in on defects. A CE approved version is also available, as well as a 220V model.

In addition to testing and analyzing fiber optic systems, the FIS Mini-OTDR is a great tool for optimizing Quick-Connect Connectors and Mechanical Splices.

SPECIFICATIONS

Wavelength	850, 1300, 1310, 1490, 1550nm, +/- 20nm
Connector Type	FC or ST (SC on hand held version only)
Dynamic Range	23dB
Distance Accuracy	+/- (1mtr + .01% x distance)
Loss Modes	2 Point, Splice Loss, dB/km
Group IOR Range	1.024 – 2.048
Vertical Expansion	0.5, 1, 2, 4 dB/div
Units of Measure	Meters/Kilofeet
Pulse Widths	Short Pulse (SP) 4m/13ft
	Medium Pulse (MP) 50m/164ft
	Long Pulse (LP) 100m330ft

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SPECIFICATIONS CONTINUED

Distance Range	1Km/3.3Kft 4Km/8Kft(SP) 4Km/13Kft, 16Km/53Kft(MP) 16Km/53Kft, 64Km/215Kft(LP)
Dead Zone	6m
Distance Interval	2m/6ft(SP), 8m/25ft(MP), 32m/105ft(LP)
Horizontal Exp.	16Km/32Kft, 8Km/16Kft, 4Km/8Kft, 2Km/4Kft/div (LP-Ext) 4Km/8Kft, 2Km/4Kft, 1Km/2Kft, 500m/1Kft/div (LP-Norm and MP-Ext) 1Km/2Kft, 512m/1Kft, 256m/512ft, 128m/256ft/div (MP-Norm and SP-Ext) 256m/512ft, 128m/256ft, 64m/128ft, 32m/64ft/div (SP-Norm)
Data Storage	255 traces
Computer & Printer Interface	RS232
Operation Temperature	0º - +50ºC
Storage Temperature	-40º - +60ºC
AC Power	120/240 VAC charger/adapter included
Batteries	8 AA NiMH Cells
Battery Life	12 hours (typ.)
Recharger Time	12 hours (typ.)
Size/Weight - Ruggedized	8" X 6.5" X 3.5" / 2.75 lbs.
Size/Weight - Hand Held	7.25" X 4.5" X 2.75" / 1.9 lbs.

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