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- EQUIPMENT DEMOS
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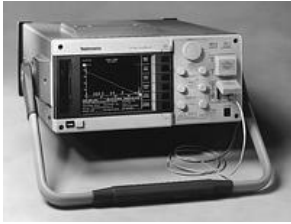
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Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com



Optical Time Domain Reflectometer

TFP2A FiberMaster®

Characteristics

CRT Display - Color 16.5 cm (6.5 in.) diagonal

Plug-in Module Capacity - Up to two plug-ins/four wavelengths

Hardcopy Output -

Optional Internal Printer: High speed, high resolution, dot matrix, 150 dots/in

External Interfaces: Keyboard, RS-232C, and GPIB

Power Requirements -

AC Operation: 90 to 130 V AC, 47 to 440 Hz, 180 to 253 V AC, 47 to 73 Hz

DC Operation (optional): 10 to 16 V DC

Measurements - Event loss, event distance, two-point distance, two-point loss, fiber attenuation, event return loss (reflectance), link return loss (ORL)

MASS STORAGE

Internal Floppy Disk Drive - Size: 8.9 cm (3.5 in.), 1.44 MB, 720 KB MS-DOS Compatible

Internal RAM (optional) - 1 MB, nonvolatile RAM for waveform storage

Data Points Per Waveform - 16,000 maximum (normal density). 32,000 maximum (high density)

Display Range -

Vertical: 1.0 dB to 100 dB full screen

Loss Readout Resolution: 0.001 dB

Horizontal System: 1 m to 320 km

Distance Measurements -

Units: cm, m, km, kfeet, feet

Accuracy: $\pm 0.001\%$ + minimum cursor resolution, \pm uncertainty in IR

IR Range: 1.4000 to 1.6000

ENVIRONMENTAL

May be reduced with disk drive and printer operating.

Temperature -

Operating: -10 °C to +55 °C

Nonoperating: -40 °C to +60 °C

Humidity -

Operating: 5% to 90%, noncondensing

Nonoperating: 5% to 90%

OTHER PERIPHERAL CAPABILITIES

FMTAP - Offline trace analysis and documentation software for Windows.

Remote Control - Through an RS-232C or GPIB interface.

Data Transfer - Through an RS-232C or GPIB interface.

Physical Characteristics

PLUG-IN OPTICS MODULE CHARACTERISTICS

FM8513 - Multimode

Wavelengths - 850 / 1300 nm

Fiber size - 62.5 μ m

Dynamic range - 26.5 / 26 dB

Event dead zone - 0.2 / 3 m

Loss dead zone - 2.5 / 14 m

FS1315 - High-Resolution SM

Wavelengths - 1310 / 1550 nm

Fiber size - Single mode

Dynamic range - 29.5 / 26.5 dB

Event dead zone - 3 / 3 m

Loss dead zone - 15 / 18 m

FG1315 - General-Purpose SM

Wavelengths - 1310 / 1550 nm

Fiber size - Single mode

Dynamic range - 31 / 29 dB

Event dead zone - 4 / 4 m

Loss dead zone - 25 / 30 m

FL1315 Long-Range SM

Wavelengths - 1310 / 1550 nm

Fiber size - Single mode

Dynamic range - 37.5 / 37 dB

Event dead zone - 25 / 25 m

Loss dead zone - 125 / 170 m



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