

OTDR COMWAY MAX600-M2P

Variants

MAX600-M2P UPC

Details

PROFESSIONAL FIBER OPTIC TESTING

Professional Optical Time Domain Reflectometer with , built-in Optical Power Meter and Visual Fault Locator. Designed for FTTH, ISP, telecom and professional optical fiber network testing.

Professional Optical Fiber Testing

The **MAX-600-M2-P OTDR** is a high-performance optical fiber testing instrument developed for fiber installation, fault detection, link characterization and network maintenance.

With a **43/41 dB dynamic range**, **0.8 m event dead zone** and **4 m attenuation dead zone**, it provides precise optical fiber measurement capabilities for professional field technicians and network engineers.

Quick Specifications

WAVELENGTH

1310/1550 nm

DYNAMIC RANGE

43/41 dB

EVENT DEAD ZONE

0.8 m

ATTENUATION DEAD ZONE

4 m

TOUCHSCREEN

7 Inch

VFL OUTPUT

10 mW

Key Features

? 43/41 dB high dynamic range

? 1310/1550 nm dual wavelength

? 0.8 m event dead zone

? 4 m attenuation dead zone

? 7-inch outdoor touchscreen

? Built-in Optical Power Meter

? 10 mW Visual Fault Locator

? Real-time OTDR measurement

? SOR and PDF report storage

? USB, LAN and Micro SD interfaces

1. OTDR Technical Specifications

Parameter	Specification
Model	MAX-600-M2-P
Wavelength	1310 / 1550 nm
Wavelength Accuracy	±20 nm
Dynamic Range	43 / 41 dB

Parameter	Specification
Event Dead Zone	0.8 m
Attenuation Dead Zone	4 m
Pulse Width	5, 10, 25, 50, 100, 250, 500 ns; 1, 2.5, 5, 10, 20 μ s
Distance Range Settings	100 m, 500 m, 1 km, 2.5 km, 10 km, 20 km, 40 km, 60 km, 80 km, 100 km, 120 km, 150 km, 280 km
Distance Uncertainty	$\pm(0.8 \text{ m} + 0.005\% \times \text{distance} + \text{sampling resolution})$
Linearity	$\pm 0.03 \text{ dB/dB}$
Loss Threshold	0.01 dB
Loss Resolution	0.001 dB
Measurement Time	5 sec – 5 min, Real-Time
Real-Time Refresh	4 Hz

Note: Distance range settings are not a guarantee of maximum measurable fiber length. Actual performance depends on fiber attenuation and test conditions.

2. Optical Power Meter (OPM)

Parameter	Specification
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