OTDR COMWAY M1

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Variants

SC-APC SC-UPC

Details

Quick Specifications

WAVELENGTH	1310/1550 nm
DYNAMIC RANGE	32/30 dB
EVENT DEAD ZONE	0.8 m
ATTENUATION DEAD ZONE	5 m

DISPLAY

7-inch Touch

VFL OUTPUT

10 mW

1. OTDR Performance

Parameter	Specification
Model	MAX-600-M1
Wavelength	1310 / 1550 nm
Wavelength Accuracy	±20 nm
Dynamic Range	**32/30 dB**
Event Dead Zone	0.8 m
Attenuation Dead Zone	5 m
Pulse Width	5, 10, 25, 50, 100, 250, 500 ns; 1, 2.5, 5, 10, 20 µs
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	±(0.8 m + 0.005% × distance + sampling resolution)
Linearity	±0.03 dB/dB
Loss Threshold	0.01 dB
Loss Resolution	0.001 dB

Parameter	Specification
Measurement Time	5 seconds – 5 minutes, real-time
Real-Time Refresh	4 Hz

2. Built-in OPM & VFL

Parameter	Specification
OPM Range	-50 to +26 dBm
OPM Wavelengths	850 / 1300 / 1310 / 1490 / 1550 / 1625 nm
OPM Adapter	FC or SC
VFL Wavelength	650 ±10 nm
VFL Power	10 mW

3. Display & System

Parameter	Specification
Display	7-inch Outdoor-Enhanced Touchscreen
Resolution	800 × 480 TFT
USB	1 × USB 2.0
LAN	RJ45, 10/100 Mbps
Memory Card	Micro SD × 1
Result Storage	More than 10,000 Results

Parameter	Specification
File Format	SOR / PDF

4. Power & Physical Specifications

Parameter	Specification
Battery	7.4V / 4600mAh Lithium
Power Consumption	Less than 3W

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