Mini Pro OTDR DT-600

Mini Pro OTDR DT-600

Variants

UPC APC

Details

Mini Pro OTDR (DT-600)

1310 / 1550nm • 24/22dB • Up to 60KM • OPM • VFL • Light Source • RJ45 Test

Product Overview

The **DT-600 Mini Pro OTDR** is a compact multifunction fiber optic testing device designed for fiber installation, maintenance and troubleshooting.

It combines **OTDR, Optical Power Meter (OPM), Optical Light Source, Visual Fault Locator (VFL) and RJ45 cable testing** functions in one portable device.

Quick Specifications

Model: DT-600
OTDR Wavelength: 1310 / 1550nm ±20nm
Dynamic Range: 24dB / 22dB
Test Range: 500m – 60km
Display: 3.5-inch Color LCD
Battery: 3.7V / 4000mAh
Connector: FC/UPC (SC/ST Interchangeable)

Main Functions

OTDR Testing
1310 / 1550nm dual wavelength fiber testing

Optical Power Meter
800 – 1700nm wavelength range

Optical Light Source
1310 / 1550nm ±20nm

Visual Fault Locator
650nm ±20nm

RJ45 Cable Test
Supports cable length testing up to 300m

OTDR Performance

DT-600 OTDR Specifications
Wavelength: 1310 / 1550nm ±20nm
Fiber Type: G.652
Dynamic Range: 24dB / 22dB
Event Blind Zone: 3m
Attenuation Blind Zone: 8m
Test Range: 500m – 60km
Pulse Width: 3ns – 10?s
Sampling Points: 16k – 128k
Sampling Resolution: 0.05m – 8m
Loss Accuracy: ±0.05dB/dB
Reflection Accuracy: ±3dB
File Format: Standard SOR
Optical Connector: FC/UPC (SC/ST Interchangeable)

Ranging Accuracy
±(1m + Sampling Interval + 0.005 × Distance)

Other Test Functions

OPM Wavelength Range: 800 – 1700nm
Light Source: 1310 / 1550nm ±20nm
VFL Wavelength: 650nm ±20nm
RJ45 Cable Length: Up to 300m

Display & Power

Display: 3.5-inch Color LCD
Battery: 3.7V 4000mAh Li-Battery
Power Adapter: 5V / 2A
Working Time: Up to 12 Hours
Standby Time: Up to 20 Hours

Data Storage

Internal Storage: ?600 Records
External Storage: TF Card Supported
File Format: Standard SOR

Physical & Environmental

Dimensions: 173 × 82 × 37mm
Weight: ?350g
Operating Temperature: -10°C to +50°C
Storage Temperature: -40°C to +70°C

Humidity: 0 – 95% (Non-condensing)

Applications

FTTH Installation & Maintenance
Optical Fiber Fault Testing
Fiber Length & Loss Measurement
ISP Network Maintenance
Fiber Link Troubleshooting
Optical Power Testing
RJ45 Cable Testing

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