MODEL: ATL-1315Ci

Handheld OTDR

Key points

- Multiple wavelengths (1310 & 1550 nm) support LAN, datacenters, PON, FTTx and outside plant applications as well as customized wavelengths.

- 800×480, 7-inch TFT color LCD touch screen places power and convenience at your finger steps

- Minimum 2.5cm resolution which enables it to locate the event point accurately

- Event dead zone of 0.5m which makes the near connection easy to be supervised

- Automatic monitoring and alarm of incoming optical signals

- Bi-directional Analysis to minimize the possible mismatches

- A maximum dynamic range of 46dB, and 256k data sampling points

- Penetrate an optical splitter of up to 1:128

Technical Specifications

OTDR Module	Wavelength ± 20nm	Dynamic Range (dB)	EDZ(m)	ADZ(m)
ATL-1315Ci	1310/1550nm	46/45	0.5	3

Distance Accuracy	±(0.75 + sample interval + 0.0025% × range)(excluding the refractivity placement error) (m)
Ranging resolution	0.05, 0.1, 0.2, 0.5, 1, 2, 4, 8, 16 and 32m
Test range	0.4, 0.8, 1.6, 3.2, 6.4, 16, 32, 64, 128, 256 and 512km (single-mode);
Pulse Width	3, 5, 10, 30, 80, 160, 320, 640, 1280, 5120, 10240 and 20480ns
Sampling Point	256k
Linearity	0.03 dB / dB
Loss Resolution	0.001 dB
Reflectance Accuracy	±2dB
Refractive Index	1.00000 ~ 1.99999(step: 0.00001)
OPM	850nm to 1650nm
VFL	650±20nm
OLS	Wavelengths same as OTDR (i.e. 1310,1550nm)
Storage	200000 traces with 32GB SD card
Display	800×480, 7-inch TFT color LCD (a capacitive touch screen in the standard configuration, and a resistive touch screen optional)
Optical Output Interface	FC/UPC (standard configuration, with SC/UPC, SC/APC and FC/APC (Optional)
Power Supply	AC/DC adapter: AC100V~240V, 50/60Hz and 1.5A DC: 17V±3V(2A) Internal Li battery: 10.8V, 6400mAh, battery operating time: 12h
External interfaces	USB, Micro-USB, 10M/100M Ethernet, earphone and Micro SD
Dimensions	252mm(W)×180mm (H)×55mm (D)
Weight	About 1.8kg
Environmental adaptability	Operating temperature: -10°C~+60°C Storage temperature: -20°C ~+70°C RH: 5% ~95%, no condensation
Accessories	AC/DC charger, Carry Case