

ULTRA SMART OTDR MODEL-TL-321J



FEATURES:

- ✓ Maximum 28dB dynamic range, 256k data sampling points;
- ✓ Automatic communication optical monitoring function;
- ✓ Supports Bellcore GR196 and SR-4731 file formats;
- ✓ Expert OTDR: professional measurement, curve, list, MAP simultaneous display;
- ✓ Light source supports continuous/modulated mode output;
- ✓ Automatic OTDR: no complex settings required, one-button testing.

OVERVIEW

The TL-321j is used to measure various parameters of optical fiber and cables, such as length, loss, and connection quality. It is widely used in the construction, line maintenance, and emergency rescue testing of optical fiber to the home, metropolitan area networks, and second-level backbone communication systems. It is also used in the research and production measurement of optical fiber and cables.

Specifications

Items	TL-321j
Dimension	200mm×155mm×38mm (Length×Width×Height) (The soft glue protection is not included)
Weight	About 0.7kg (with battery)
Working wavelength	1310/1550 ±20nm or 1625/1650±20nm
Maximum dynamic range	28dB
Event dead zone	3m
Attenuation dead zone	8m
Accuracy	± (0.75m + distance×0.0025% + sampling period) (Regardless of refractive error) (m)
Resolution	0.025, 0.05, 0.1, 0.2, 0.5, 1, 2, 4, 8, 16, 32
Distance	0.4, 0.8, 1.6, 3.2, 6.4, 16, 32, 64, 128, 256, 512
Pulse widths	5, 10, 30 ,80, 160, 320, 640, 1280, 5120, 10240, 20480
Maximum number of sampling points	256k
Linearity dB/dB	0.03
Loss resolution dB	0.001
Refractive index setting range	1.00000 ~ 1.99999(0.00001 stepping)
Distance unit	Kilometers, meters, thousands of feet, feet
Display	800×480, 7 "TFT Color LCD (capacitive touch screen)
Optical output port	FC/UPC (standard , SC/UPC is optional)
External port	USB Type C, Micro SD
Power supply	AC/DC adapter : Input : AC100V ~ 240V, 50/60Hz Output DC/5V/2A Internal lithium battery : 3.7V , 4600mAh
Battery working time	High brightness standby time≥6h
Environmental suitability	Working temperature : 0°C ~ +40°C (battery charging : -10°C ~ +50°C) Storage temperature : -20°C ~ +60°C(battery : -20°C ~ 60°C) Relative humidity : 5% ~ 95% , no condensing

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