

ALK-2000

Optical Time Domain Reflectometer



Product features

The ALK-2000 series is an integrated multi-functional intelligent and comprehensive instrument integrating optical time domain reflectometer, optical power meter, light source, visible light source, event map, network cable test (optional), and lighting. Multiple models meet different fiber optic network testing needs. The high-speed operating system ensures real-time and smooth user operation. It is compact, portable, sturdy and durable, especially suitable for harsh outdoor working environments.

Product features

1. Accurate, fast, reliable, easy to operate, intelligent and versatile.
2. 3.5-inch capacitive touch screen, gesture operation, curve zooming, handy.
3. OTDR supports multiple test operations and can change test parameters in real time during the test.
4. The ALK-2000 OTDR supports dual-wavelength testing, enabling intuitive observation of macro-bends in optical cables.
5. ALK-2000B and ALK-2000C have passive optical network (Pon) testing function.
6. OTDR has dual protection of software protection and hardware, fearless of Pon testing.
7. Support saving of .sor files and screenshots in .jpg format.
8. Event map (iOLM) visualizes link problems, making faults clear at a glance.
9. Intelligent file management function can provide comparison of two test traces.
10. Have Chinese save and automatic file naming function.
11. Different data transmission options: U disk data transmission and computer-connected for data transmission.
12. OTDR flange FC/SC/LC are interchangeable.
13. Remote instrument software upgrade is available.

PARAMETERS

| OTDR | ALK-2000A | ALK-2000B | ALK-2000C | ALK-2000D |
|-----------------------------|--|--------------------|-----------|-------------------------|
| Model | ALK-2000A | ALK-2000B | ALK-2000C | ALK-2000D |
| Wavelength (±20nm) | 1310/1550 | 1550 | 1610 | 1625 |
| Dynamic Range (db) | 24/22 | 22 | 22 | 22 |
| Filter characteristics | N | Y | Y | Y |
| Pulse width | 5ns、10ns、20ns、50ns、100ns、300ns、1.0s、2.5s、10s、20s | | | |
| Event Dead zone (m) | 2 | | | |
| Attenuation Dead zone (m) | 8 | | | |
| Distance range (Km) | 0.5~80 | | | |
| Loss Measurement Accuracy | ±0.05dB/ dB | | | |
| Memory Capacity | 500 | | | |
| Fiber type | Single core | | | |
| LCD size | 3.5 inch | | | |
| Standard optical interface | FC/SC/ST/LC optional | | | |
| VFL* | | | | light source (optional) |
| wavelength | 650nm±20 | Wavelength (nm) | | 1310/1550 |
| Output Power | 10mW | Output Power (dBm) | | ≥-7 |
| Standard connector | FC/UPC | | | |
| OPM (optional) | | | | |
| Model | A | | B | |
| Detection range (dBm) | -70↔+6 | | -50↔+26 | |
| Detector type | InGaAs | | | |
| Calibration wavelength (nm) | 850、980、1300、1310、1490、1550、1625 | | | |
| Linearity | ±5% | | | |
| Flange form | FC、SC、LC、ST light source (optional) | | | |
| Battery | Lithium battery | | | |
| Continuous working time* | >10小时 (According to Bellcore TR-NWT-001138) | | | |
| Dimension (L*W*H) | 145mm×78mm×30mm | | | |
| Weight | 0.3Kg | | | |