

AV6413

OTDR

The AV6413 is a high performance mini-OTDR, which is small in size, light weight and rugged in configuration. It has a large color LCD and a USB interface. It also features a long battery operation life. With the AV6413, you can measure unit/connection/transmission loss and locate faults or breaks on optical fibers. It is widely applied in the manufacture, construction and maintenance of optical fibers.

Features

- 42/40 dB high dynamic range
- Rugged
- 1.6m short event dead zone
- High quality touch screen
- 0.1m sample resolution with 65K sampling points
- Offer Chinese and English Interface
- Deep memory for data storage
- Transmit data to PC by serial or parallel interfaces
- Battery operation life over 8 hours
- Intelligent battery capacity display
- USB interface
- Write/read file in Bellcore GR196 file format



Specification

Pulse width	10ns to 20480ns				
Module	3542	3537	3532	5636	8332
Central wavelength	1310/1550 ±20nm	1310/1550 ±20nm	1310/1550 ±20nm	1550/1625 ±20nm	850/1300 ±30nm
Applicable fiber	single-mode	single-mode	single-mode	single-mode	multi-mode
Dynamic range(SNR=1)	42/40dB	37/35dB	32/30dB	36/36dB	28/32dB
Event dead zone *1	≤1.6m	≤1.6m	≤2.5m	≤1.6m	≤3m
Distance range	1.6km-512km				
Sampling resolution	0.1m-32m				
Sampling points	65K				
Distance measurement accuracy	±(1m+ measurement distance×0.02%) ^{*2}				
Display	640×480, 7.7" color LCD (touch screen)				
Interface	USB, RS 232, Printer, Keyboard				
Optical connector	FC/UPC (universal connector, option)				
Power supply	DC:17V~22V:(3A),(AC adapter 100~240V, 50/60Hz,1.5A) built-in Lithium battery:8 hours*3				
Dimension and Weight	Dimension: 258x198x90 (mm); Weight: 2.70kg				

*1. Pulse width: 10ns, terminal reflection loss≥40dB, typical.

*2. At back light low brightness, measurement not executed