


Codificación: WT-MW6416	ESPECIFICACIONES TECNICAS	
Fecha: 10/06/2009		
Hojas 1 de 2		
Asunto	Palm OTDR	

MW6416 Palm OTDR




MW6416 palm OTDR is the newest instrument designed for testing FTTx network. It's mainly used to measure the physical characteristics of optical fiber under test, such as the length, the transmission loss and the splice loss etc. It can also locate the faults or breaks of optical fiber. It's widely applied in the manufacture, construction and maintenance in optical fiber communication system.

MW6416 palm OTDR has the most advanced technology of double-color & material integrative mould, which is novel and beautiful in appearance. MW6416 offers three wavelengths and VLF in one handheld unit, especially for testing passive optical network (PON) in FTTx. In addition, it's equipped with comfortable gullus for carrying conveniently.

Características

- *handheld, lightweight and convenience for carrying
- *The most advanced technology of double-color & material integrative mould in trade
- *Advanced anti-reflective TFT LCD, visible clearly in field
- *1.6m extra-short event dead zone
- *0.25m high resolution, 65535 sampling points
- *Fast auto measurement, one-button operating
- *Double USB interfaces, supporting USB stick and direct cable download to PC via ActiveSync
- *Supporting Bellcore GR196 file format in writing or reading
- *Function of indicating of remaining capacity of battery and warning if the voltage of battery is low.
- *WinCE operation system, double operating interface of Chinese and English
- *Built-in lithium battery with high capacity for over 10 hours of operating life
- *Visible fault locating (VFL)
- *Universal FC/PC, FC/SC, FC/ST connector type, it's convenient for surface cleaning
- *Unique function of updating system on-line, returning to factory is unnecessary

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Especificaciones

MODULE	3528	5626	3428
wavelength	1310nm/1550nm ±20nm	1550nm/1625nm ±20nm	1310nm/1550nm/1490nm ±20nm
Applicable Fiber	Single-mode		
Dynamic Range ¹	28/26dB	26/24dB	28/26/24dB
Distance Measurement Accuracy	±(1m + sample space + 0.003% * measurement distance)		
Event Dead Zone ²	≤1.6m		
Sampling Resolution	0.25, 0.5, 1, 2, 4, 8, 16m		
Distance Range	4, 8, 16, 32, 64, 128, 256km		
Pulse width	10, 30, 80, 160, 320, 640, 1280, 5120, 10240ns		
Loss threshold	0.01dB		
Sampling points	65534		
Linearity	0.05dB/dB		
Memory capacity	≥ 800 Traces		
IOR setting	1.00000~2.00000		
Display	Color LCD (touch screen)		
Interface	USB, Min-USB		
VFL	650nm±10nm, 2mW(typical); CW/1Hz		
Optical Connector	FC/UPC (universal connector)		
Language	Simple Chinese/English		
Power Supply	DC:15V~20V;(3A),(AC adapter 100~240V, 50/60Hz, 1.5A)built-in Lithium battery:4400mAh,7.4V,operating time≥10 hours ³		
Dimensions	210mm*100mm*60mm		
Weight	about 1kg		

*1: Pulse width: 10240ns, taverage times>300, SNR=1,23°C±2°C;

*2: Pulse width:10 ns, terminal reflection loss: ≥40dB, typical;

*3: Low brightness, exclude measuring.

