

FP4000 COMPACT MASTER OTDR

Todo en un Equipo, tamaño compacto, Múltiples Funciones, Fácil de Usar y asequible para los técnicos en cualquier nivel.



Características:

- Peso Ligero Fácil de Transportar y logitud de onda OTDR
- Combina todas las pruebas de fibra esenciales en un equipo portátil con OPM, OLS, VFL, etc
- OTDR fácil de entender y con análisis de mapa de eventos, visualización de resultados de indicaciones de pasa / no pasa
- Red de acceso o red punto a punto verificación o solución de problemas
- Se actualiza fácilmente en el campo Duración de la batería todo el día

Aplicaciones:

- FTTX Pruebas y mantenimiento
- CATV Pruebas de Network
- Access Network Testing
- LAN Pruebas Network
- Metro Pruebas Network
- FTTH Solución de problemas

9 Funciones en un Equipo | OTDR | Optical Power Meter | Fuente Optica de Luz | Localizador Visual de Fallos | Prueba de pérdida de inserción | Mapa de Eventos | Linterna | Probador de Rj45 Cable | Inspección del extremo del conector

Configuration

Model#	PLUS+			
	FT4000-D22	FT4000-D24	FT4000-D26	FT4000-S20/22F
Wavelength	1310 & 1550nm	1310 & 1550nm	1310 & 1550nm	1550nm
Dynamic Range	22/20dB	24/22dB	26/24dB	20/22dB
Testing Range	3m to 70km	3m to 80km	3m to 100km	3m to 70km
OTDR	√	√	√	√
Power Meter	√	√	√	√
Light Source	√	√	√	√
Visual Fault Locator	√	√	√	√
Insertion Loss Testing	√	√	√	√
LED Light	√	√	√	√
Event Map	x	√	√	√
Rj45 Cable Testing	x	√	√	√
Microscope	x	√	√	√
Active Fiber Testing	x	x	x	√

INCLUYE: OTDR, Conector FC/SC, Manual de Usuario, TF Card, Software OTDRviewer, Adaptador de Carga, Estuche, Certificado de Calibración.

PIDE UNA DEMOSTRACIÓN

Note: FP 4000-D20SF filtro para fibra activa 1490nm and 1577nm
Microscope se vende por separado

General	
Size/Weight	175x105x45mm/ 450g (Battery included)
Display	4.3 inch touch-sensitive TFT Screen, 800x480 Resolution
Interface	2×USB, 1xSD port, 1xOTDR port, 1xVFL port, 1xPower Meter Port, 1xCharging Port
Power Supply	Input: 100V(ac) to 240V(ac), 50~60Hz, 0.8A; Output: 9V(DC), 2A 5200mAh/3.7V Lithium battery (with air traffic certification)
Battery	Standby Time>10 hours
Power Saving	Back light: Common/Highlight/Power saving/Customized Auto power off: Never/1min/5min/10min/30min/60min
Data Storage	SD Card: 2GB (about 100,000 curves)
Language	English, Spanish, French, Korean, Italian, Portugal, Russian
Environmental Conditions	Operating temperature and humidity: -10℃~+55℃, ≤95% (non-condensation) Storage temperature and humidity: -20℃~+80℃, ≤95% (non-condensation)

OTDR Module	
Pulse Width	5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs, 5μs, 10μs
Distance Range	100m, 500m, 2km, 5km, 10km, 20km, 40km, 60km, 90km
Sampling Resolution	Minimum 0.2m
Sampling Point	Maximum 64,000 points
Linearity	≤0.05dB/dB
Averaging Time	10s, 15s, 30s, Real Time, Customized
Scale Indication	X axis: 4~70m/div, Y axis: 0.09~5dB/div
Distance Accuracy	±(1m+measuring distance×3×10 ⁻⁵ +sampling resolution) (excluding IOR uncertainty)
Loss Threshold	Auto, Customized
Loss Resolution	Auto, Customized
Distance Resolution	0.01m
IOR Setting	1.0~1.9, 0.0001 step
Units	km, miles, kfeet
OTDR Trace Format	Telcordia universal, SOR, issue 2(SR-4731)

VFL Module	
Wavelength	650nm
Output Power	10mw, CLASSIII B
Range	12km
Launching Mode	CW/2Hz

OPM Module	
Wavelength	850/1300/1310/1490/1550/1625/1650nm
Test Range	-70~+ 10dBm (in default) or -50~+ 26dBm
Resolution	0.01
Accuracy	±0.35dB±1nW
Modulation	270/1k/2k Hz, Pi≥-40dBm

OLS Module	
Wavelength	Same as OTDR Wavelengths
Output Power	-10 to -4dBm±2dB
Output mode	CW/270/1k/2k Hz

Functions Display



OTDR Curve & Event List



Event Map



Visual Fault Locator



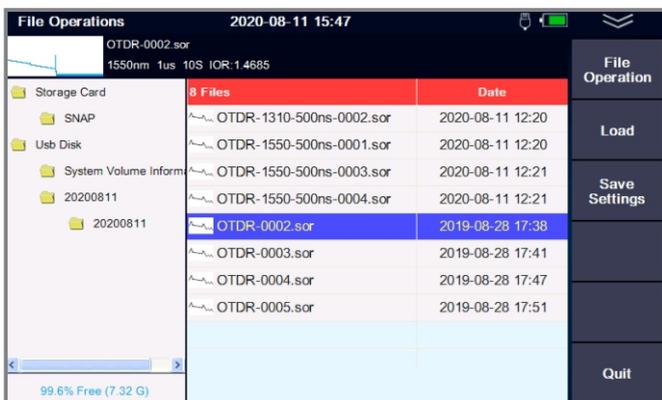
Optical Power Meter



Rj45 Cable Testing



End-face Inspection



SOR and BMP Files Management



Parameter Setting



OTDR Report Printing

OTDR REPORT

OTDR v2.20 Job: 2019-08-31 02:26:06

Job ID : 900 File : OTDR-0002.sor
 Contractor: gpo Date : 2019-08-28 17:38:46
 Customer : wq Operator: wen

Configuration

Wavelength(nm) : 1550	Range (m) : 80000	Backscatter coeff(dB) : -80.000
Pulse(ns) : 1000	Average Time(s) : 10	Loss threshold(dB) : Auto
Origin	End	Reflectance threshold(dB) : Auto
Location : 1	Location : 2	End of fiber threshold : Auto
Cable : 1	Cable : 2	Refractive Index : 1.469
Fiber : 1	Fiber : 2	
Color : 1	Color : 2	

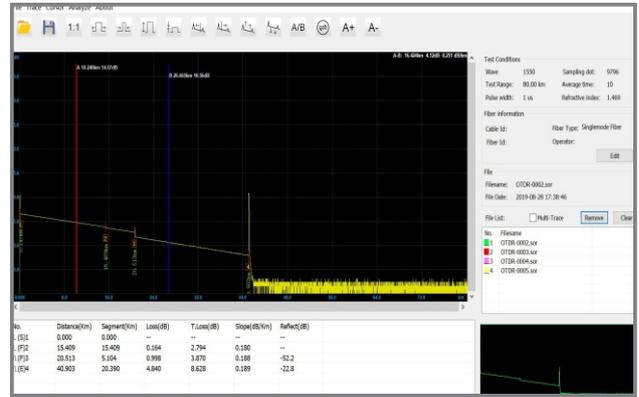
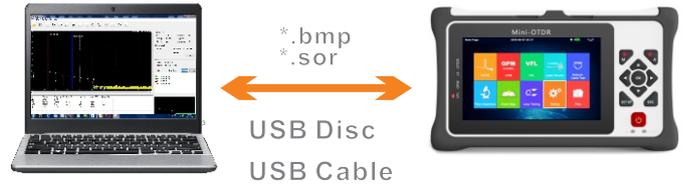
Comment

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Trace

A: 0.147km 16.65dB	B: 26.665km 10.56dB	A-B: -26.518km 6.12dB -0.231dB/km
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Event Type	Distance (km)	Segment (km)	Loss(dB)	Total Loss(dB)	Attenuation (dB/km)	Reflectance(dB)
1Reflect(S)	0.147	0.000	---	---	---	---
2Reflect(F)	15.409	15.262	0.164	2.794	0.180	---
3NonReflect(F)	20.513	3.104	0.998	3.870	0.188	-52.209
4NonReflect(F)	40.903	20.390	4.940	8.628	0.189	-28.736

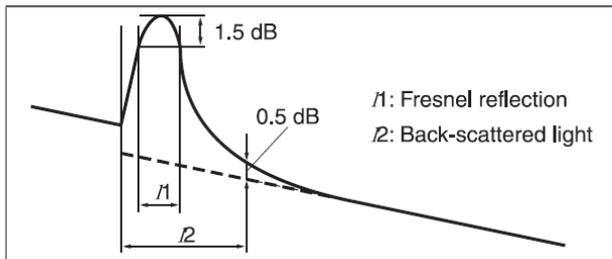
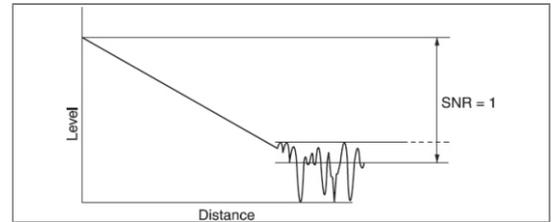


PC Software

Key Parameters Explanation

Notes

Dynamic range is measured with maximum pulse width, averaging time is 3 minutes, SNR=1; The level difference between the RMS noise level and the level where near end back-scattering occurs.



Instructions of OTDR Curves and Events that displayed on OTDR screen.



Event dead zone is measured with pulse width of 10ns; attenuation dead zone is also measured with pulse width of 50ns.

