

OPWILL Fiber Analyzer

FTS300 (Fiber Cable Investigator+OTDR)



FTS Platform



OTM2400



OTM2302L

FTS300 fiber optical investigator is designed for cable identification. Locate the target cable under test or construction in a bundle of cable using the principle of interference. Combine with OPWILL's OTDR module OTM2302 for the fault location, can solve the problem of construction in pipeline rapidly and effectively.

- Friendly interface, Simple operation, Rugged and Durable;
- Using audio technology, High sensitivity;
- Adapt to the complex environment;
- Through audio and video to accurate the locate cable ;
- Covering all OTDR functions, Test singlemode/multimode fiber, Dual wavelength for different test demand ;
- Max dynamic range 35dB, Event dead zone 0.8m, Attenuation dead zone 4m, ensure accurate test on the fiber link ;
- Support VFL Function.

FTS300 Fiber Analyzer Specification Characteristics

Specifications				
Platform Specifications				
Interface	USB A/B Ethernet Port		Memory	1GB flash
Display	Color Touch Screen 640 x 480 TFT 6.5 inch			
Battery	Rechargeable Li-Ion 8 hours continuously operation as per Bellcore TR-NWT-001138			
Power	AC/DC Adapter: Input: 100-240VAC, 50-60Hz, 1.6A Max; Output: 24VDC, 4A			
OTM2400 FCI Specifications				
	OTM2402	OTM2404	OTM2406	OTM2410
Fiber Interface	FC/APC	FC/APC	FC/APC	FC/APC
Test Distance (km)	20	40	60	100
Max Output Power (dBm)	-6	-3	0	0
Signal-Noise Ratio (dB)	30	30	40	40
Wave Length(nm)	1550nm	Max Fiber loss dB (Loop)		50
Signal Processing	High sensitivity and low noise	Output Mode		Video: Vibration Amplitude, LED Display Audio: Voice, corresponding disturbance intensity
OTM2302L OTDR Specifications				
Wave Length(nm)	1310/1550		Dynamic Range(dB)	35/33
Pulse Width(ns)	3~20000		Event Dead Zone(m)	≤ 0.8
Attenuation Dead Zone(m)	≤ 4/4		Distance Range(km)	≤ 200
Linearity(dB/dB)	± 0.03		Loss Threshold(dB)	0.01
Loss Resolution(dB)	0.001		Sampling Resolution(m)	0.125 ~ 1
Sampling Points	256K		Distance Uncertainty(m)	±(0.75+0.0025%×Distance + Sampling resolution)
Typical Real-Time Refresh(Hz)	2		Memory	≥1000 Trace
Measurement Time	5s~180s,User define		VFL Output Power(dBm)	+ 10
Physical Characteristics				
Temperature	Operating: -10℃ to 50℃ Storage: -40℃ to 70℃		Size (H×W×D)	319 mm x 202 mm x 105 mm
Relative humidity	0% to 95% (Non - Condensing)		Weight	3.6kg
Order Information				
Category	Model	Description		
Platform	FTS300	Support 2 Slots, Modular Designed, allow to use with FCI, OTDR, Ethernet, SDH/PDH/OTN/MSTP Test Modules		
Fiber Analyzer Test Module	OTM2402	Support 1550nm Wavelength, 20km Testing Range		
	OTM2404	Support 1550nm Wavelength, 40km Testing Range		
	OTM2406	Support 1550nm Wavelength, 60km Testing Range		
	OTM2410	Support 1550nm Wavelength, 100km Testing Range		
OTDR Test Module	OTM2302L	Dual-wavelength 1310/1550nm OTDR Module, Dynamic Range 35/33dB		
Battery	LB08V14S0204	One 2 parallel four series lithium polymer rechargeable battery for OTP6200		
Power Adapter	SA190A-2440V-P	One 24V AC/DC Power Adapter for OTP6200		
Power Cable	OA1611PWR_2M	One 2 meters power cable		
Disc	OA1808_6200_CD	One OTP6200 Disc		
Package	OBG6200	One OTP6200 Package		
Fiber Jumper	FCFC-0103	One FC/FC Port, Single Mode, Simplex, 9/125, 3 Meters		

Refer to more information : www.OPWILL.com

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