T-OT300 OTDR

T-OT300 handhold OTDR is mainly used for the following tests:
-Determine fiber optic cable or fiber optic's failure point, connection point, breakpoint position
-Describe fiber optic cable or fiber's loss distribution curve, measure cable, fiber's length and the loss, attenuation coefficient between two points
-Measure fiber optic cable, optical fiber connector's insertion loss
-Measure fiber optic cable, optical fiber's reflection loss;

Technical Specifications

Model		T-OT300	
Dynamic (1)		32/30dB	
Wavelength (±20 nm)		1310/1550	
Display		3.5' TFT LCD touch screen	
Light source type		LD	
Optical interface		FC/UPC	
Distance range (km)		0.3、1、5、10、30、60、120	
Pulse width (ns)		5、10、20、40、80、160、320、640、1280、2560、5120、10240、20480、Auto	
Measurement duration		15s、30s、1min、2min、3min	
Attenuation dead zone (2)		10m	
Event dead zone		1.8m	
Distance measurement precision		±(1 m + 5 x 10-5 x Distance + Sampling interval)	
Data storage		> 60000 test traces	
Communication interface		USB	
VFL	Wavelength	-	650nm
	Output power (dBm)	-	≥ -3
	Test distance (km)	-	3
Optical Communications Test		YES	

Note:
(1) Technical specifications describe the guaranteed performance of the OTDR when a typical UPC connector is used for measurement. The uncertainty caused by the reflection ratio of the optical fiber is not considered. The dynamic range of T-OT300 is measured when the measuring range is 120 km, the pulse width is 2560 ns, and the average time is 3 min.
(2) Dead zone measurement conditions: The reflection event occurs within 4 km. The reflection strength is smaller than -45 dB. The minimum pulse width is used.


SKYCOM
12m/Div
6.00dB/Div
Date:2036-8-24 14:44
Range: 300m
PulseWidth: 5ns
IOR: 1.4666
WaveLength: 1310nm
VFL
SHIFT
RUN
STOP
ENTER
ESC
T-OT300