

# TC-300 Series OTDR Optical Fiber Comprehensive Tester

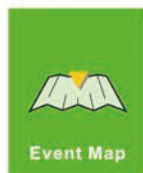


## Technical parameter

Wavelength	1310nm,1550nm,1625nm,1650nm	850nm,1300nm
Dynamic range	26~42dB	
Dead zone	0.8m/4m	
Pulse width	Single mode	3ns,5ns,10ns,20ns,50ns,100ns,200ns,500ns,1μs,2μs,5μs,10μs,20μs
	Multimode	850nm:3ns,5ns,10ns,20ns,50ns,100ns,200ns,500ns,1μs,1300nm:3ns,5ns,10ns,20ns,50ns,100ns,200ns,500ns,1μs,2μs
Distance range	Single mode	100m,500m,2km,5km,10km,20km,40km,80km,120km,160km,240km
	Multimode	850nm:500m,2km,10km 1300nm:500m,2km,5km,10km,20km,40km,80km
Minimum sampling resolution	0.05m	
Maximum Sampling points	256000	
Linearity	≤0.05dB/dB	
Loss resolution	0.001dB	
Distance resolution	0.01m	
Distance uncertainty (m)	±(1m+distance×3×10 <sup>-5</sup> + sampling resolution) (Excluding refractive index error)	
Storage	8GB internal memory(80,000 OTDR traces), 32GB SC card (100,000 OTDR traces)	
VFL	10mW,CW/2Hz	
OPM	Type A:-10dBm~-70dBm; Type B:+23dBm~-50dBm	
Laser Source	Output Power:-5dBm; Modulation frequency:CW/270Hz/1KHz/2KHz	
Fiber inspection	400×magnification (Optional)	
Interface	USD2.0 ports×2 (Type A×1,Type B×1)	
Display	5.6 inch TFT-LCD touch screen	
Battery	Battery capacity:7.4V/2200mAh,Standard Package with 2 batteries	
Temperature	Operating temperature range:-10℃~+50℃; Storage temperature:-20℃~+70℃	
Humidity	≤95% (No condensation)	
Size/Weight	215×155×68mm /1.1kg (with battery)	



OPM



Event map



Dual battery power supply



MMF testing (850/1300nm)



5.6 inch TFT-LCD touch screen



VFL



OLS



Screen capture



<0.8m short-term event dead zone



Multi-language