Technical specifications

Basic Instrument Series

Modular Test Equipment

Optical Cable Patrol Analyzer

				OTDR					
Model	4200(Live test)								
Number	F1	F2	F3	F4	F5	F6	F7	F8	
Туре	G.652 SM								
Wavelength	1310 / 1550nm±20nm		1610±20nm		1625nm±20nm		1650nm±20nm		
Dynamic Range	20dB	26dB	20dB	26dB	20dB	26dB	20dB	26dB	
Event Blind Zone	1.5m								
ATT Blind Zone	8m								
Test Range	100m/300m/500m/1.25km/2.5km/5km/10km/20km/40km/80km/100km								
Pulse Width	5ns/10ns/20ns/30ns/50ns/80ns/100ns/200ns/300ns/500ns/800ns/1μs/2μs/3μs/5μs/8μs/10μs/20μs								
Ranging Accuracy	\pm (1m+Sample interval+0.005% $ imes$ Test distance)								
Linearity	±0.05dB/dB								
Max Sample Points	≥20000								
Max Sample Resolution	≤0.03m								
Loss Resolution	0.01dB								
Loss Threshold	0.20dB								
Range Resolution	0.01m								
Refractive Index	1.00000~2.00000								
File Format	SOR Standard File Format								
Loss Analysis		4-point method /5-point method							
Laser Safety Level	Class II								
Connector	SC/PC								

ОРМ						
Wave Range	800nm~1700nm					
Calibration Wave 850	0/1300/1310/1490/1550/1625/1650nm					
Test Range	OdBm(Optional)/-50~+26dBm(Standard) -40~+26dBm (XGPON OPM)					
Resolution	0.01dB					
Uncertainty	±5%					
Connector	Universal FC/SC/ST					
	VFL					
Wavelength	650nm±20nm					
Output Power	≥10mW					
Mode	CW/1Hz/2Hz					
Connector	Universal FC/SC/ST					

LS					
Wavelength	Consistent with OTDR				
Laser Type	Consistent with the OTDR interface				
Power	≥-5dBm				
Stability CW,	±0.5dB/15min (After15min of preheating)				
Connector	SC/PC				
Mode	CW/270Hz/330Hz/1kHz/2kHz				
RJ45 Cable Sequence					
Test Distance	e ≤300m				
RJ45 Cable Tracking					
Mode	Digital tracking				
Distance	≤300m				
Online Tracking	support				

C	Others				
Display 4.3 inches 800 × 480 LCD					
	ter:input:100V~240V,50/60Hz,0.6/ ,2A, Lithium battery:3.7V,4000mAh				
Data Storage	8GB				
Data Interface	Type-C USB				
Working Temperatu	re -10°C∼+50°C				
Storage Temperatur	e -40°C∼+70°C				
Relative Humidity	0∼95% Non Condensing				
Weight	≤400g (Battery included)				
Size	144mm×86mm×33mm				

Standard configuration: OTDR, Eve cker(Including Cable Tracker), RJ45 Cable Sequence, Flashlight

Note:1550nm test capability with live: can test fiber with 1310/1490/1577nm signal (power ≤+5dBm) 1610nm test capability with live: can test fiber with 1310/1490/1550nm signal (power ≤0dBm)
1625nm test capability with live: can test fiber with 1310/1490/1550/1577nm signal (power ≤0dBm)
1650nm test capability with live: can test fiber with 1310/1490/1550/1577nm signal (power ≤0dBm)

Configuration list

Host(Battery included), Adapter, Data Line, Cable Tracker, CD-ROM(Analysis software/User's Manual), User's Manual, Qualification Certificate/ Service Guarantee Card, Calibration Certificate, Clean Cotton Slices, Instrument Backpack.

NDIG SYSTEMS, BANGALORE

4200 Mini OTDR



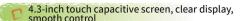
Product overview

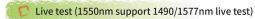
4200 Mini OTDR with live test is compact and easy to carry; 4.3-inch high-definition touch screen, supports multi-touch and smooth operation. Internal integration OTDR, event map, split-wave OPM, red light, light source, flashlight, RJ45 sequence and other functions in one, to meet different occasions a variety of test needs. The OTDR function is standard with single wavelength and built-in efficient wavelength isolator, which can carry out optical test on the link, with the minimum event blind area of 1.5m and the maximum measurement range of 100km.

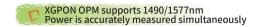
4200 is used to measure the length, loss, connection quality and other parameters of the optical fiber. It can easily test the breakpoint, bend, and loss point of the optical fiber link. It is suitable for line maintenance and emergency repair testing by installation and maintenance personnel.

range ≥26dB

Product features











Support RJ45 sequence and track

Event blind area ≤1.5m, max dynamic

Integrated OTDR, Event map, XGPON OPM, VFL, LS, RJ45 sequence and other functions



100km precision test 1.5m event blind area



Fasy online test Multifunction integration



One button automatic test Results automatic analysis



Software remote upgrade



Batch export of data files -10~+50°C operating temperature

https://www.andigsystems.co.in

