

OPTOWARE

Optical Handheld Tester Sets



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Modular Type Optical Time Domain Refractometer

OTDR-200



Features

- Dynamic range > 37dB
- Ultra-fast measurement time
- Easy to read out measurement data
- Low cost and compact size



General Specifications

Parameters	Values
Size(HxWxD) & Weight	180.0 x 120.0 x 14.0(mm), 328g
Data Interface	100 Base-TX Ethernet
Debug Port	RS232C
Power	DC 5V
Power Consumption	5V, 400mA
Maximum relative humidity	85%
Operation Case Temperature	-10 to 60 °C
Storage temperature	-40 to 70 °C
Warranty (years)	1

OTDR Specifications

Parameters	Values
	1310/1550 ± 25nm 1628 ± 7nm
Fiber type	9/125 Single-mode
Dynamic range (dB)	>37
Pulse width (ns)	5 ~ 20000
Distance range (km)	5 to 120
Event dead zone (-45dB) (m)	1.5
Attenuation dead zone (-45dB) (m)	5
Loss threshold (dB)	< 0.25
Sampling points	Up to 32,000
Sampling resolution (m)	0.25 ~ 4
Distance uncertainty (m)	± (0.75m + measuring distance x 0.005% ± sampling resolution)
IOR setting	1.4000 to 1.7000
Number of events	32
Measurement time (s)	1 ~ 180
Optical Connector	LC/APC or SC/APC (Customizable upon request)

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