

OTDR Module



GW-4000

Applications

- Test Equipment module part
- Monitoring system module part

Features

- High power
- High accuracy
- Small module
- Simple interface
- Access Protocol support

Model	
Type	GW-4000
Wavelength	1625nm(1650nm, 1550nm, 1310nm Optional)
Dynamic range	32dB / 36dB / 40dB / 42dB /45dB
Event / Attenuation dead zone	1m / 6m
Connector type	LC/APC(Optional)

OTDR	
Pulse Width	3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs, 5μs, 10μs, 20μs
Testing Distance	500m, 2km, 5km, 10km, 20km, 30km, 40km, 50km, 60km, 120km, 200km
Sampling Resolution	Minimum 25cm
Sampling Point	Maximum 128,000 points
Linearity	≤0.05dB/dB
scale Indication	X axis: 4~70m/div, Y axis: 0.09~5dB/div
Loss Threshold	0.01dB
Loss Resolution	0.001dB
Distance Resolution	0.01m
Distance Accuracy	±(1m+measuring distance×3×10 ⁻⁵ +sampling resolution) (excluding IOR uncertainty)
Refractivity Setting	1.2000~1.5999, 0.0001 step

Typical	
Power supply	12V
Interface	RS232, 10/100M Ethernet
Working Temp	-10°C~+50°C
Storage Temp	-20°C~+70°C
Humidity	≤95% (non-condensation)
Dimension	168×116.4×19mm

