

Fiber Identifier

MODEL 591

BAR GRAPHIC DETECTOR

Supports six different types of fibers!



SPECIFICATIONS

Interchangeable Sensor Head(Optional)	H0.25 (Standard)	H0.9	H2.0	H3.0	
Fiber	SM silica fiber (ø0.25mm coated) Ribbon fiber (width 2.2mm or less)	SM silica fiber (ø0.9mm jacketed)	SM silica fiber (ø2.0mm jacketed)	SM silica fiber (ø3.0mm jacketed)	
Wavelength	1310/1550/1650nm				
Modulated Light Frequency	CW,270Hz, 2kHz, 1kHz				
Minimum Detector Sensitivity	=>-65dBm				
Minimum Detection Level(Typical)*	1310	-26dBm	-23dBm	-23dBm	-23dBm
	1550	-33dBm	-30dBm	-30dBm	-30dBm
	1625	-33dBm	-30dBm	-30dBm	-30dBm
Sensor Insertion Loss(Typical)*	1310	0.1dB	0.1dB	0.1dB	0.1dB
	1550	2.0dB	2.0dB	2.0dB	2.0dB
	1625	2.0dB	2.0dB	2.0dB	2.0dB
Display	Detection Level : LCD25 Bar Display				
	Low Battery : LCD				

	Direction of Signals : LED arrow display / Bi-directional traffic indication
	Modulation : 270Hz, 2kHz, 1kHz / LCD Display
Buzzer	Incoming light detection, ON/OFF switchable
Auto Power-Off Function	Boost up after approx. 5minutes
Temperature/humidity	0 ~ 40°C, 80%RH or less (non-condensing)
Power Supply	UM-3 batteries 2 pcs.
Battery life	Approx. 15 hours
Dimensions	55(W) × 195(H) × 35(D)mm (Not including clamp handle)
Weight	Approx. 300g (Including batteries)
*Note :1)	When using SIECORE optical fiber
:2)	The detection level and the insertion loss depend on the optical fiber type, manufacturer, material, color and coating status, etc.

ORDERING INFORMATION

Products Name	Model	Accessories
FIBER IDENTIFIER	591	UM-3 batteries (2 pcs) Handy case Sensor head : Customers selection 1pc.
	591-H0.25	• 250μm:For 250μm coating
	591-H0.9	• 900μm:For 900μm nylon jacketed
	591-H2.0	• 2mm :For 2mm jacketed, 4or8-ribbon fiber
	591-H3.0	• 3mm :For 2.8mm/3mm jacketed
		Instruction manual

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