

New product

Optical Fiber Identifier

FID-20R

FID-21R



FID-21R

FID-20R



FEATURES

- Identification of traffic signal, CW light, modulated tone
- Applicable for 0.25 and 0.9mm coated fiber, up to 3mm fiber cord, up to 12 fibers ribbon
- Light signal direction discriminated
- Easy fiber clamping with long head style
- Optical power meter function provided (FID-20R)
- Battery operation

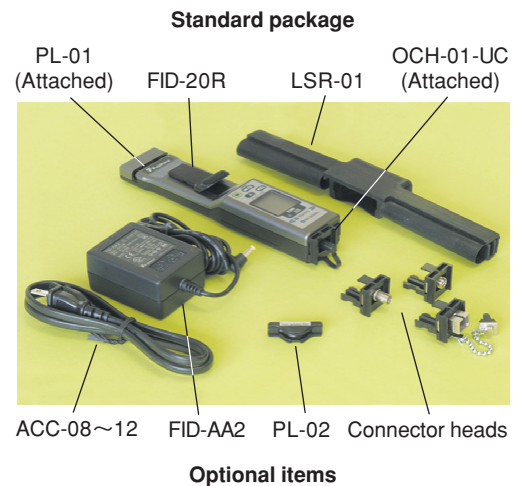
SPECIFICATION		
Model	FID-20R: Optical fiber identifier with power meter function FID-21R: Optical fiber identifier	
Applicable fiber	Singlemode fiber	
Wavelength response	0.9 to 1.7μm	
Operating condition	-10 to 50°C, 0 to 95% RH	
Power supply	DC with two AA batteries (1.2 to 1.5V) 100 to 240V AC with optional FID-AA2	
Dimensions	40W × 185L × 26H (mm)	
Weight	180g including batteries	
Power meter	Wavelength response	1.31μm, 1.55μm
	Detectable kind of signal	Traffic signal, CW light, Light signal with modulated tones at 270Hz, 1kHz, 2kHz
	Detectable light power	0.1 to -60dB at modulated tone 0.1 to -40dB at traffic signal & CW light
	Accuracy	Within +/-0.3dB at room temperature

APPLICATION & OPTICAL SPECIFICATION														
Fiber	Plunger for fiber clamping	Operation with sunlight shield	Automatic signal identification						Insertion loss (dB)			Sensitivity (dBm)		
			Traffic	CW	270Hz*	1kHz*	2kHz*	Signal direction	1.31 μm	1.55 μm	1.65 μm	1.31 μm	1.55 μm	1.65 μm
Single fiber 0.25mm	PL-01		✓	✓	✓	✓	✓	✓	0.1	1.0	2.5	-40	-50	-50
Single fiber 0.9mm	PL-01	LSR-01	✓	✓	✓	✓	✓	✓	0.1	1.0	2.5	-40	-50	-50
Fiber ribbon up to 12 fibers	PL-01	LSR-01	✓	✓	✓	✓	✓	✓	0.1	1.0	2.5	-40	-50	-50
Fiber cord 1.1 to 1.5mm	PL-01	LSR-01	✓	✓	✓	✓	✓	✓	0.1	1.0	2.5	-30	-40	-40
Fiber cord 1.7 to 2.0mm	PL-01	LSR-01	✓	✓	✓	✓	✓	✓	0.5	2.5	>3.0	-12	-17	-17
Fiber cord 3.0mm (0.25mm fiber)	PL-02	LSR-01	✓	✓	✓	✓	✓	✓	0.1	1.0	2.5	-30	-40	-40

Note) Modulation: 50% +/-10% duty cycle of square wave.

STANDARD PACKAGE				
Optical fiber identifier	Plunger	Light shield rubber	Connector head	Instruction manual
FID-20R	PL-01	LSR-01	OCH-01-UC (Universal type)	English
FID-21R	PL-01	LSR-01	-	English

OPTIONAL ITEMS				
Optical fiber identifier	Plunger	AC adapter	AC power cord	Connector head
FID-20R	PL-02	FID-AA2	ACC-08~12	OCH-01-SC
				OCH-01-FC
				OCH-01-ST
FID-21R	PL-02	FID-AA2	ACC-08~12	-



Specifications and descriptions are subject to change without prior notice.

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