

FITEL

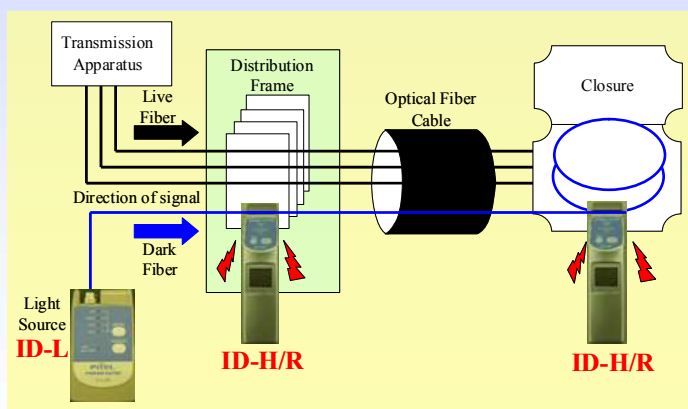
Bound to Innovate

ID-L Hand Held Light Source



- **<New> 4 Wavelength Lineup**
1310nm / 1490nm / 1550nm / 1610nm
- **<New> Boost Function**
Activating the BOOST function increases the output signal by 10dB
- **Selection of 4 frequencies**
CW / 270Hz / 1kHz / 2kHz
- **Lightweight design for easy handling**
- **Operate more than 60 hours on battery**
* With Alkaline battery at 23°C / Without using boost function
- **Removable Adapter For Easy Cleaning**
- **<New> RoHS Compliant**

Example of Application



ID-H/R (Optical Fiber Identifier) detects tone signal from ID-L (Hand Held Light Source) to identify a target fiber.

LINEUP



FURUKAWA ELECTRIC



OPTIONS

Item	Code	Remark
Carrying Case	AT03H-001	-
SC Adapter	AT03H-002	Standard Accessory
FC Adapter	AT03H-003	-

*Please consult about other adapters.

Specification

Item	Specification			
Product name	ID-L Handy Light Source 1310nm	ID-L Handy Light Source 1490nm	ID-L Handy Light Source 1550nm	ID-L Handy Light Source 1610nm
Code	AT03H31	AT03H49	AT03H55	AT03H61
Wavelength	1310±10nm	1490±10nm	1550±10nm	1610±10nm
Fiber type	Single Mode Fiber			
Spectrum width	Less than 1nm (-20dB from peak power)			
Modulation	CW / 270Hz / 1kHz / 2kHz			
Output power	Normal: -2.5±2dBm Boost: +7.5±2dBm (3dB down at 270Hz,1kHz,2kHz mode)			
Stability	Less than ±0.05dB (1hour / Constant temperature)			
Optical connector	SC Adapter (FC adapter is option)			
Battery type	AA Battery (Alkaline / Zinc-carbon / NiMH)			
Battery life	Over 60 hours (Alkaline battery at 23°C)			
Auto shutdown	About 10 minutes without any operation			
Operating temp.	0~40 °C.			
Operating humidity	20~90%RH (non-condensing)			
Dimensions (W×D×H)	Dimensions 70mm×22.5mm×128 mm			
Weight	Approximately 160g (Including batteries)			
Accessories	Strap ...1 / AA alkaline batteries ...2 / SC adapter ...1 / Instruction manual ...1			

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