



# Visual Fault Locator

The Visual Fault Locator is equipped with a 650 nm high power visible laser diode, which can be operated in CW (continuous) or MOD (1 Hz modulation) mode. There are two LED indicators, RED and GREEN: The RED one shows the operating mode of the Laser Diode output signal, and the GREEN one indicates low battery level. FFL-210 series are housed in a pocket-size, rugged brass casing, and comes with a carrying pouch while FFL-310 series are in a card-style compact design.

## Main Features

- High 650 nm red stable laser power output
- Continuous or 1 Hz modulated Output
- SM and MM compatible
- Longer than 40 hours continuous operation , 80 hours for modulation mode



**FFL-210**

**FFL-310**

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# *Specifications*

Item \ Model	FFL-210-U	FFL-211-U	FFL-310-U	FFL-311-U
Light Source	Class 3A Laser Diode	Class 2 Laser Diode	Class 3A Laser Diode	Class 2 Laser Diode
Power Supply	Two 1.5 V, AA Alkaline Batteries		Two 1.5 V, AAA Alkaline Batteries	
Dimensions & Weight (w/ batteries)	Length : 192 mm Diameter : 22 mm  Approx. weight : 230 g		80 X 55 X 15 mm  70 g	
Max. Output Power <sup>2</sup>  ●Free Space  ●Via SMF	5 mW (7 dBm)  0.5~1.0 mW	2 mW (3 dBm)  0.25~ 0.5 mW	5 mW (7 dBm)  0.5 ~ 1.0 mW	2 mW (3dBm)  0.25~ 0.5 mW
Central Wave-length	650 nm ± 10 nm			
Spectral Width (FWHM)	≤ 5 nm			
Laser Light Pulse Duration	CW mode or 60% duty-cycle at 1 Hz			
Operating	-10°C to + 50°C, 0 to 85%RH (non-condensing)			
Storage	-20°C to + 70°C, 0 to 85%RH (non-condensing)			
Adaptor	2.50 mm Universal Adaptor <sup>3</sup> (SM & MM)			

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