



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

Frederick Engineering, Inc.
832 Oregon Avenue, Suite M
Linthicum, MD 21090



Phone: 410-789-7890
Fax: 410-789-7670
e-Mail: fe@fetest.com

www.fetest.com

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 ² ●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 ³ (SM & MM)			

Frederick Engineering, Inc.
832 Oregon Avenue, Suite M
Linthicum, MD 21090



Phone: 410-789-7890
Fax: 410-789-7670
e-Mail: fe@fetest.com

www.fetest.com