

650nm LASER DIODE MODULES FL-38

Specification

FL-38 is a portable, efficient laser source to locate fault in fibers. Equipped with universal 2.5mm or 1.25mm adapter, it can detect all the connectors and quite essential for field work.



Appearance

Features

- Near Infra-red light: $650\pm 10\text{nm}$
- Fiber Identified Distance: $\geq 1\sim 25\text{ km}$
- Output Power: $\geq 1\sim 25\text{ mw}$
- Laser Emit Life $\geq 5,000\text{ hours}$
- Available for 9/125, 62.5/125 or other customized fiber type
- Continue light or pulse light
- Power Supply: two AA batteries

Maximum Data

Parameter	Symbol	Rating	Units
Storage Temperature	Tstg	-40~+85	°C
Operating Temperature	Top	-10~+50	°C
LD Reverse Voltage	VRLD	≤ 2.2	V

Electrical and optical characteristics (CW@T=25 °C)

Type	FL-38-I	FL-38-II	FL-38-III	FL-38-IV
Central Wavelength	$650\pm 10\text{nm}$			
Pulse Frequency	$1.3\pm 0.2\text{ Hz}$			
Shelter Material	Ambraloy			
Dimensions	$\varnothing 24*170\text{mm}$ (Interface is ignored)			
Optical Power	$\geq 1\text{mw}$	$\geq 5\text{mw}$	$\geq 10\text{mw}$	$\geq 25\text{mw}$
Measure Distance	$\geq 1\text{km}$	$\geq 1\text{km}$	$\geq 10\text{km}$	$\geq 25\text{km}$