

VFL100

Visual Fault Locator

The VFL100 Visual Fault Locator is an economical, highly effective visual fault location unit. The VFL100 Visual Fault Locator utilizes a 650nm Laser diode to couple 800uW into both singlemode and multimode fiber cable. Connection to the VFL100 is made via a precision 2.5mm universal connector port, allowing for a reliable connection to FC, ST™, SC, and E2000 connector types. The VFL100's high coupled power and the use of the 650nm wavelength, assures its versatility in singlemode as well as multimode applications. The VFL100 Visual Fault Locator is an excellent tool for optimizing splices, isolating a damaged connector on a patchcord, locating a broken fiber or splice in a splice tray, or highlighting overly tight cable ties in and around equipment racks. The VFL100 operates in both a always on, CW



mode, or a flashing modulation mode for enhanced fault location capability in well lit areas. Other features include Laser On/ Mod Indicator, low battery detection, and extended battery life.

SPECIFICATIONS:

Emitter Type	AlGaInP Laser
Class	II
Central Wavelength	650nm
Central Wavelength Tolerance	±5nm
Fiber Coupled Power(typ.)	800uW
Connector Style(s)	2.5mm universal
Environmental Characteristics:	
Operating Temp.	-10 C to +50 C
Storage Temp.	-55 C to +70 C
Humidity (non-condensing)	5 - 95% relative humidity
Mechanical Specifications:	
Size	4.5" x 2.38" x 1.00"
Weight	.25 lbs
Power Requirements:	
Battery type	9 volt Alkaline
Battery life (typical)	24 hours