

# visual fault locator MT-RJ Version

# F6240

## Description

The Model F6240 Visual Fault Locator is commonly known as a VFL. The Model F6240 is an indispensable tool for finding breaks and tight bends in optical fibers. It operates on two 1.5V AA alkaline batteries keeping the overall size to a minimum while providing long battery life. The VFL output is from a 650nm laser providing visibility to 3 km.

The F6240 incorporates a fixed male MT-RJ duplex receptacle, and independently launches -4dBm (400µW), 650nm visible red laser into channel A or channel B fibers for quick and convenient continuity testing. Unlike many VFLs today, the F6240 features a choice of continuous or modulated output, and a “low battery” indicator to alert the user when it is time to change batteries.



This single basic tool is one that all installers, and maintenance personnel should have in their tool kit. It is the most economical test tool for quickly verifying continuity, checking the validity of patch cables before or after installation, test and find breaks in LANs, verifying short lengths of installed fiber, or looking for cracked fiber in splice cases, bad connectors, tight bends in fiber cable, backbone breaks or anywhere light continuity needs checking.

## Features and Benefits

- ✓ **Low-Cost and Palm Sized**  
*The F6240 is a low-cost, palm sized basic fiber test tool which is easy to handle and easy to store.*
- ✓ **Multimode Operation**  
*Find breaks, bad splices, tight bends, poor components, and bad connections.*
- ✓ **MT-RJ Optical Output Port**  
*The F6240 features a male MT-RJ duplex connector which enables the testing of both fibers.*
- ✓ **LED Indicators**  
*The F6240 provides LED indicators for active Laser mode ( continuous or modulated ), and Low Battery.*
- ✓ **Pulsed Output Mode**  
*The F6240 provides a pulsed output mode for easy viewing.*
- ✓ **650nm Red Laser**  
*The F6240's visible red laser makes fiber breaks and tight bends easily visible.*

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## Specification

<b>CDRH Laser Class</b>	Class II
<b>Central Wavelength</b>	650 ± 20 nm @25°C
<b>Output Power</b>	> -4 dBm @25°C into 62.5/125 Fiber
<b>Spectral Width</b>	< 5 nm
<b>Transmission</b>	Continuous or 1Hz pulsed signal
<b>Range</b>	Visibility < 3 km
<b>Power</b>	Two replaceable 1.5V AA Alkaline batteries or NiCad optional
<b>Environmental</b>	
Operating Temp.:	-10 to +50°C
Storage Temp.:	-20 to +80°C
Humidity:	0 to 95% (non-condensing)
<b>Physical</b>	
	4.72in x 2.56in x 0.9in (119.88mm x 65.02mm x 22.86mm)
<b>Connector Style</b>	MT-RJ male receptacle.
	Pending

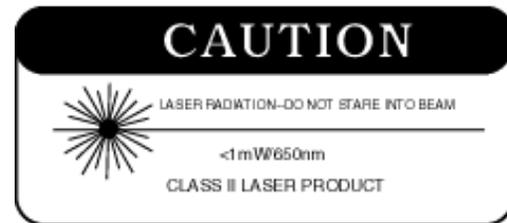
## Ordering Information

<u>Model No.</u>	<u>Part No.</u>
F6240	30624010

Optional NICAD Battery Charger Kit 30032241-01  
( 110VAC only - batteries included )

## Warranty

The Wilcom F6240 Visual Fault Locator is warranted for a period of one year to be free of defects in material and workmanship.



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