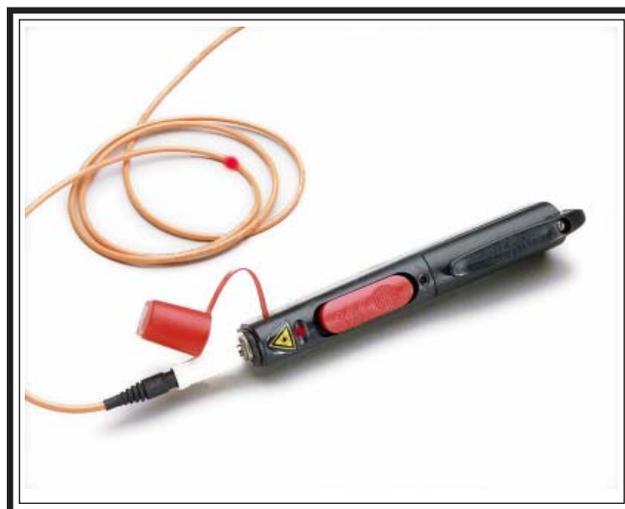# visual fault locator

F6230A

Description

The Model F6230A is a streamline universal Visual Fault Locator. Commonly known as a VFL, the new product Model F6230A, is a pencil style VFL that features a universal connector accepting any optical connector style with a 2.5mm ferrule. It operates on a single 1.5V AA alkaline battery keeping the overall size to a minimum while providing long battery life.

Unlike many VFLs today, the F6230A features a choice of continuous or modulated output and a "low battery" indicator to alert the user when it is time to change batteries. The universal connector eliminates the inconvenience of having to use a patch cable for direct connection to fiber under test if connector styles are dissimilar.

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 crimps in fiber cable, backbone breaks or anywhere light continuity needs checking.

Features and Benefits

√ **Low-Cost and Streamline**
> The F6230A is a low-cost, streamline basic fiber test tool which is easy to handle and easy to store.

√ **Singlemode and Multimode Operation**
> Find breaks, bad splices, tight crimps, poor components, and bad connections.

√ **Optical Output Port**
> The F6230A features a universal connector which can accept any 2.5 mm ferrule such as ST, SC, FC, and E2000 for examples.

√ **LED Indicators**
> The F6230A provides LED indicators for active Laser mode (continuous or modulated), and Low Battery.

√ **Single AA Battery**
> The F6230A uses one AA Alkaline battery for convenience.

√ **Universal 1.25mm Adapter**
> The optional 1.25mm adapter allows for connection to LC and MU connectors.

Wilcom

Specification

CDRH Laser Class   Class II

Central Wavelength 650 ± 20 nm @25°C

Output Power   > -4 dBm @25°C into SMF-28 Fiber

Spectral Width   < 5 nm

Transmission   Continuous or 1Hz pulsed signal

Range   Visibility to 8 km

Power   Single 1.5V AA Alkaline

Environmental
Operating Temp.:   -10 to +50°C
Storage Temp.:   -20 to +80°C
Humidity: 0 to 95% (non-condensing)

Physical

Length:	6.2 in	157 mm
Approx. Diameter:	0.63 in	18 mm
Approx. Weight	2.36 oz	66.90 g

Adapter   equipped w/ 2.5mm Universal

Optional 1.25mm Universal

C€

Ordering Information

Model No.	Part No.
F6230A	30623085
(equipped w/ Universal 2.5mm adapter)	
Universal 1.25mm Adapter	30032232-01
(converts 2.5mm to 1.25mm)	

Universal 1.25mm Adapter

Warranty

The Wilcom F6230A Visual Fault Locator is warranted for a period of one year to be free of defects in material and workmanship.

CAUTION
LASER RADIATION-DO NOT STARE INTO BEAM
<1mW/650nm
CLASS II LASER PRODUCT

Wilcom