Ascentac VFL200 Series, Visual Fault Locator, is used for fiber identification or troubleshooting. It can help technicians to diagnose faults in optical fibers, including fiber damages or breaks, improperly attached fiber connectors, bending, and so forth.

Visual Fault Locator

Ascentac VFL200

Output Power with High Stability and Strong Penetration to Quickly and Easily Locate Faults in Fiber Cables

特色

- 1, 10, 30 or 50mW output power (Option)
- Distance: 5km to 30km (Depend on output power)
- CW and 2Hz modulation
- Built-in universal 2.5mm tip sleeve
- Compact and lightweight design for easy carrying

Application

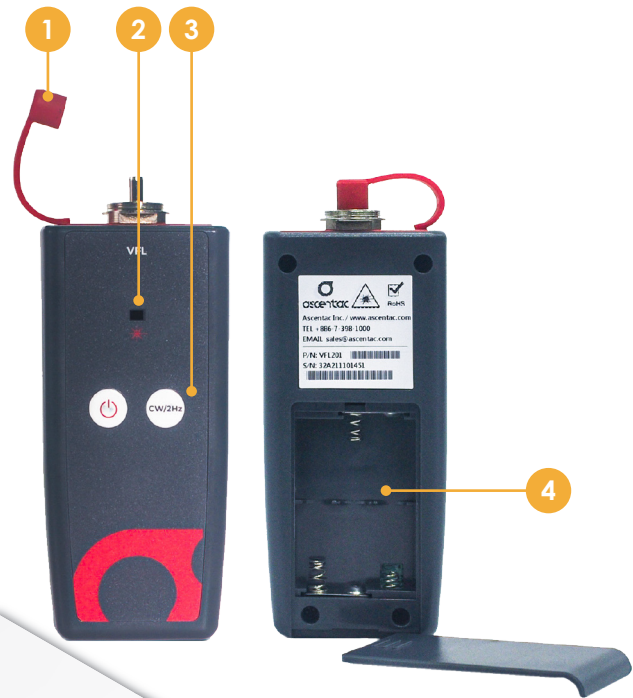- Optical power or loss measurement in telecom or CATV installation and maintenance

Description

Ascentac VFL200 Series features strong penetrationof its output power. The red illumination visible to the naked eyes will appear at the location of damages. This fault locator can be operated in either continuous wavelength (CW) mode or pulse modulation mode.
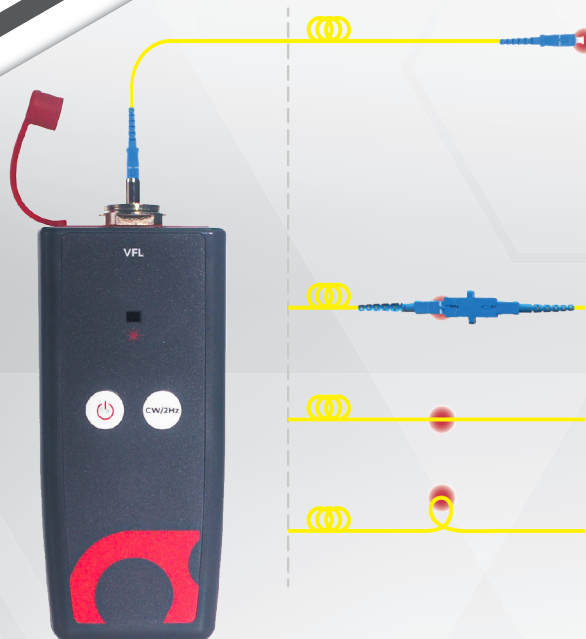
Ascentac VFL200 Series has dust cap for protecting optical interface. The pocket-sized design makes it easy to carry. It's not only rugged and durable but also cost-effective.

Appearance

① Dust cap for protecting optical interface

② Laser-on status with LED indicator

③ Intuitive interface for easy use

④ 3 AAA-size dry batteries (Easily obtained)

When to Use VFL200

1. Fiber identification & End-to-end continuity tests

2. Troubleshooting

Red illumination indicating fiber damages, bends or breaks

• Fiber connector not properly attached

• Broken fibers inside

• Bending

Specification

VFL Specification	
Wavelength (nm)	650±10 (Visible)
Output Power (mW)	1, 10, 30, 50 (Option)
Modulation Output	CW(Continuous Wavelength), 2Hz
Distance (km)	5 to 30 (Depend on output power)
Optical Connector	Universal 2.5mm

Power Supply	
Dry batteries AAA-size x 3	
Battery Life (hours)	≥ 30

Environment	
Working Temperature (°C)	-10 to +55
Storage Temperature (°C)	-40 to +70
Relative Humidity (%)	5 to 95, Non-condensing

Dimensions and Weight	
Size (H x W x D) (mm)	124 x 50 x 22
Weight (g) (batteries excluded)	116

Standard Accessories	
Main unit, AAA battery 3pcs, One-year warranty	

Ordering Information

VFL 01-002XX

Output Power
1：1 mW
2：10 mW
3：30 mW
4：50 mW

Note：1. VFL with built-in universal 2.5mm tip sleeve.

Option

Carrying Bag

A0-00801	Carrying Bag with Shoulder Strap

Fiber-optic Patch Cord

A0-00601	Single Mode 9/125--SC/UPC to SC/UPC--2m
A0-00602	Single Mode 9/125--SC/UPC to LC/UPC--2m
A0-00603	Single Mode 9/125--SC/UPC to ST/UPC--2m
A0-00604	Single Mode 9/125--SC/APC to SC/UPC--2m
A0-00605	Single Mode 9/125--SC/APC to LC/UPC--2m
A0-00606	Single Mode 9/125--SC/APC to SC/APC--2m
A0-00607	Single Mode 9/125--FC/UPC to FC/UPC--2m

Adapter Cleaning Sticks - 100 pcs/box

02-0A110	1.25mm without ESD (Electro-Static Discharge)
02-0A120	2.5mm without ESD (Electro-Static Discharge)
02-0B110	1.25mm with ESD (Electro-Static Discharge)
02-0B120	2.5mm with ESD (Electro-Static Discharge)

Fiber Cleaner - 400 wipes/pc

02-00411	Fiber Cleaner--1 slot
02-00412	Fiber Cleaner--2 slots
02-00421	Cartridge--1 slot
02-00422	Cartridge--2 slots

Example：VFL 01-00201
　　　Option：A0-00801、02-0A110

For the latest information regarding this product, please visit our website at http://www.ascentac.com

Made In Taiwan

Contact us