

Ascentac

Visual Fault Locator

Ascentac VFL200



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

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.

Ascentac VFL200 Series features strong penetration of 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.

Benefits

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

Application

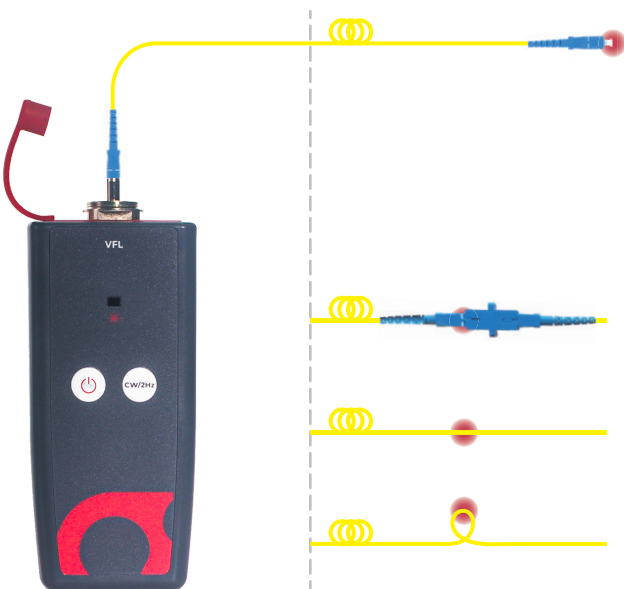
- Optical power or loss measurement in telecom or CATV installation and maintenance

Description

- 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 |
| 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



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