



Ascentac VFL210 Series, Visual Fault Locator, is used for fiber fault detection and diagnostics.

It helps technicians identify issues in fiber optic networks such as poor connector splicing, fiber breaks, and fiber bending issues, enabling quick fault location and efficient problem resolution.

It can also be used for fiber identification, helping reduce system installation time.

Ascentac VFL210 Series features a pen-style design that is portable and easy to handle, and is built with a rugged, waterproof exterior. It offers two operating modes: Continuous Wave (CW) and Pulsed mode.

With high output power, it allows users to visually identify fault points in fiber optic cables through a clearly visible red light spot.

Visual Fault Locator

Ascentac VFL210

High output power supports long-distance testing and fast fault location in fiber optic lines.

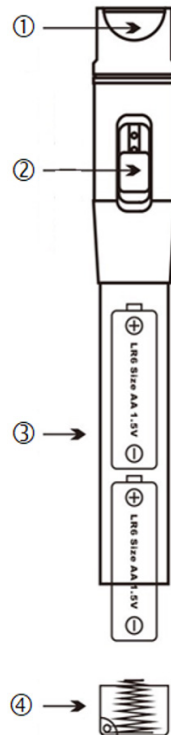
Features

- High output power
- Long visible distance
- Continuous or pulsed mode
- Compatible with universal fiber connectors
- Compact and lightweight for easy carrying
- Cost-effective and budget-friendly

Applications

- Installation and maintenance in telecom or CATV system

Description



- ① Dust cap
- ② Power switch
 - Up: ON
 - Middle: OFF
 - Down: Flashing
- ③ Battery compartment
- ④ Battery cover

Application



- ① Fiber identification – End-to-end continuity tests
- ② Fault location
Red light leakage may indicate the following issues:
 - Improper fiber connector connection
 - Fiber damage
 - Bending

Specification

VFL Specification			
Wavelength (nm)	650 ± 20		
Output Power (mW)	10	20	30
Distance(km)	8	10	10
Operation Mode	CW (Continuous Wave), Pulsed (2Hz)		
Optical Connector	Universal 2.5mm		
Power Supply			
AA batteries 2pcs			

Environment	
Working Temperature (° C)	0 to 50
Storage Temperature (° C)	-20 to 70
Relative Humidity (%)	5 to 95, Non-condensing
Dimension and Weight	
L × W × H (mm)	26 x 26 x 175
Weight (g)	80
Standard Accessories	
Main unit, AA batteries 2pcs, Soft bag, 1-year warranty	

| Ordering Information

VFL 01-0021X

Output Power 

1 : 10mW

2 : 20mW

3 : 30mW

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

Example: VFL 01-00211



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