

AV6318/A/B/C Optical Fiber Visual Fault Locator



AV6318



AV6318A



AV6318B



AV6318C

Production Overview

AV6318 series Optical Fiber Visual fault locator adopts 650nm wavelength semiconductor laser ,inject visible light (red light) into optical fiber ,then we can find the damage position by searching for light-leaking position .This production is suitable to test bare optical fiber, fiber jumper or near-end fault point of other optical fiber and cable which can leak red light, and high loss area caused by slight curve.

Working together with OTDR to remedy the defect of OTDR near-end blind area. It can quickly detect the jumper, damaged connector and cut-off position at the OTDR testing blind area .Besides ,it can be used to compare the cores of multi-core cable/ribbon fibers .

Main Characteristics

- Good looking ,small size ,easy to carry
- Find the fault position by eyes ,more convenient and accurate
- Fast detecting the jumper、damaged connector and damaged fiber position at the OTDR testing blind area .
- Adapt to FC、SC、ST and many types of interfaces
- Good looking ,small size ,easy to carry

This production is small size ,easy to carry ,hold with one hand, very suitable

to cooperate with OTDR and optical fiber fusion splicer at the constructing/ maintaining process .

- Find the fault position by eyes ,more convenient and accurate

Inject visible light (red light) into optical fiber , then we can find the damage position by looking for light-leaking position by eyes , much more convenient and accurate .

- Fast detecting the jumper、damaged connector and damaged fiber position at the OTDR testing blind area .

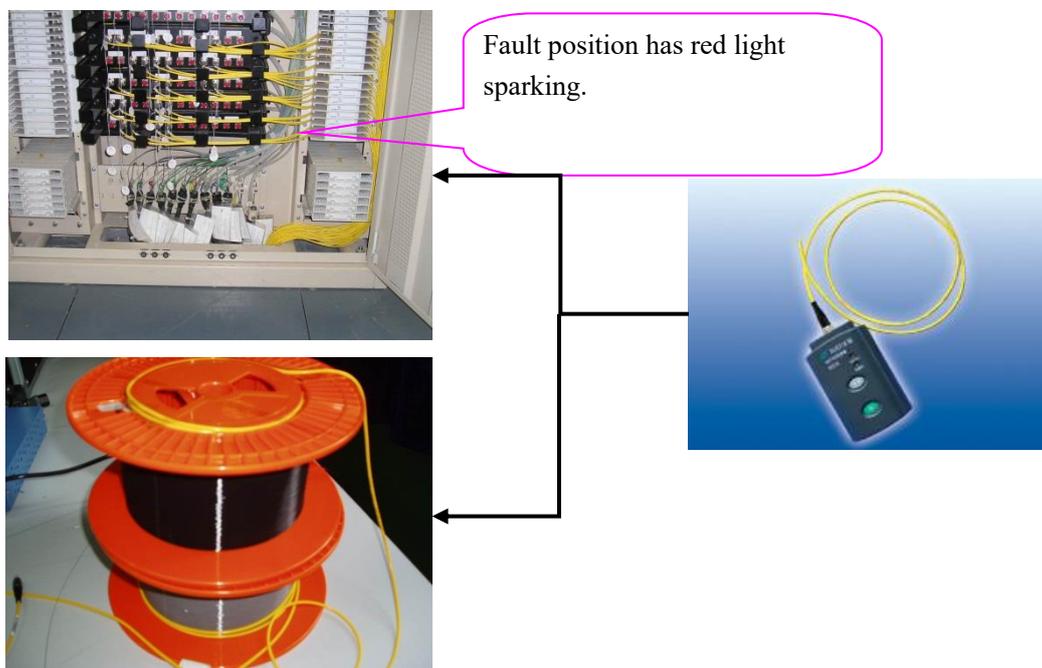
Working with OTDR . It can fast detect the jumper, damaged connector and cut-off position in the OTDR testing blind area .

- Adapt to FC、SC、ST and many types of interfaces

This product equips FC、SC、ST three type of interface , users can choose different optical fiber port type .

Typical Use

Use the AV6318 series Optical Fiber Visual fault locator to locate optical fiber jumper fault position as follows .



Connect fiber jumper under test with a break in the fiber to the Optical Fiber Visual fault locator and turn it on, it's default mode is Continuous light mode , visible red laser light is injected into the jumper ,we can see the fault position has light leaking , switch the locator to Modulation Light Mode ,the fault position has red light sparkling and find the damaged position more specific .

Technical Specification

Product Model	AV6318	AV6318A	AV6318B	AV6318C
Work Wavelength	650nm±20nm	650nm±10nm	650nm±10nm	650nm±10nm
Output Power	≥0.5mW (SM)	1/10/20/30/50 Mw Switch (SM/MM)	1/10/20/30/50 mW Switch (SM/MM)	1/10/20/30/50 mW Switch (SM/MM)
Output Mode	1Hz/CW	2-3Hz/CW	2-3Hz/CW	2-3Hz/CW
Search Distance	≥5km	5km-20km(depend on output power)		
Output Port Type	FC/PC	General Φ2.5mm PC port		
Power Source	2 AA Type Battery	2 AAA Type Battery	2AA Type Battery	2 AA Type Battery
Dimensions	W×H×D=60 × 30 × 96 (mm)	W× H×D =30 × 18 × 100 (mm)	D×L=15×180 (mm)	D×L=15×180 (mm)
Weight (kg) (No Battery)	0.1	0.06	0.12	0.12

Ordering Information

● Main Unit

AV6318/A/B/C Optical Fiber Visual fault locator

● Standard Configuration

No.	Name	Remarks
1	Battery	2
2	User's Manual	1