

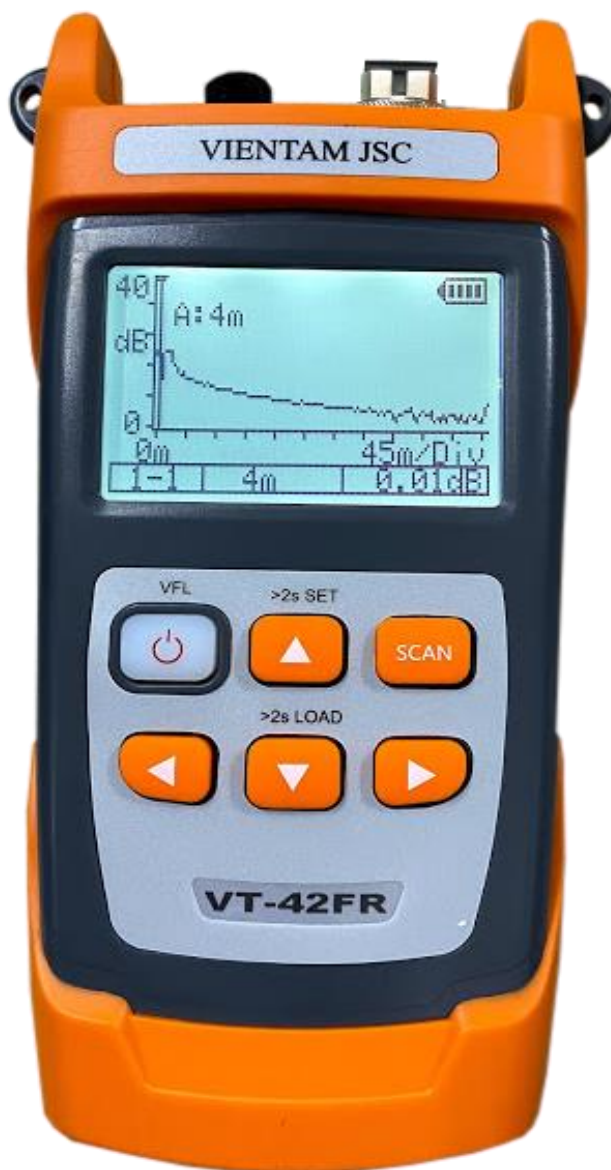
VT-42FR OPTICAL TESTER

Fault Focation in Engineering Construction

Maintenance based on FTTx and Access Network

Large capacity rechargeable lithium battery

Integrated VFL function



Optical Tester series

Quality assurance promises, technology to create future

Description

VT-42FR Hand-held portable Optical Fiber Ranger is the lightest optical fiber length and loss measuring instrument in the industry. By adopting OTDR principle and integrating powerful analysis software, it can quickly and accurately detect the location and type of optical fiber and cable fault points and test the distance between the two nodes of optical fiber. The operation is easy to use, no complex parameter setting, friendly interface; Handheld design, small size and light weight, easy to carry, easy to maintain; Large capacity rechargeable lithium battery, energy saving design, long standby time. This instrument is suitable for fault location in engineering construction and maintenance based on FTTx and access network

Features

- Automatically save the last 5 measurement results.
- One-click operation, installation is not complicated.
- Display 2 modes (event list or curve).
- Reasonable price for equipment for telecom workers.
- The device looks good, sturdy, compact in size, light in weight, making it easy to carry as a hand tool, and maintenance can be straightforward.
- Obtain attenuation failure events on fiber optic cable and cable length.
- Built-in VFL (red laser emitting) function is convenient for fast and accurate fiber identification.
- Using high capacity 2400mAh Lithium battery.
- Support charging with popular smart phone charger (Micro USB port) convenient for users.
- The meter is equipped with SC / APC coupling, with SC / APC-> SC / UPC converter cable and SC / UPC coupling.

Specifications

Model	VT-42FR
Wavelength	1550nm
Fiber type	9/125um single mode fiber
Type of connector	SC/APC
The attenuation event can be found	>= 0.1dB
Minimum length	>3m
Maximum length	~60km
Unit of measurement	m/Km
Event shadow (not measured)	<3m
Distance Accuracy (Reflective Events)	$\pm(2m + 2 \times 10^{-4} \times \text{distance})$
Wavelength of Visual Fault Locator	650nm
Power of Visual Fault Locator	$\geq 2mW$
Power Supply	2400mAh rechargeable lithium battery
Working temperature (°C)	-10~+40
Storage temperature (°C)	-40~+70
Weight (excluding batteries)	$\leq 280g$

PACKING:

No#	Name	Quantity	Remark
1	VT-42FR	1	Battery included
2	Optical Patchcord SC/APC-SC/UPC	1	
3	Coupling SC/UPC	1	
4	Power Adaptor (5V-1.0A)	1	
5	Pocket Bag	1	
6	Datasheet	1	
7	User Guide	1	