GLK 3500

Optical Time Domain Reflectometer

HIGH QUALITY PROMISES
2-YEAR WARRANTY
GrandLink

Make a product, win the world's admiration

CE

CNAS

ISO 9001
International Organization for Standardization

Pocket-OTDR

2019-04-26   14:00

OTDR	**VFL** 650nm VFL
Event Map	**OPM** dB/dBm/mW OPM
	Length&Tracker
Laser Source	RJ45 Sequence	System

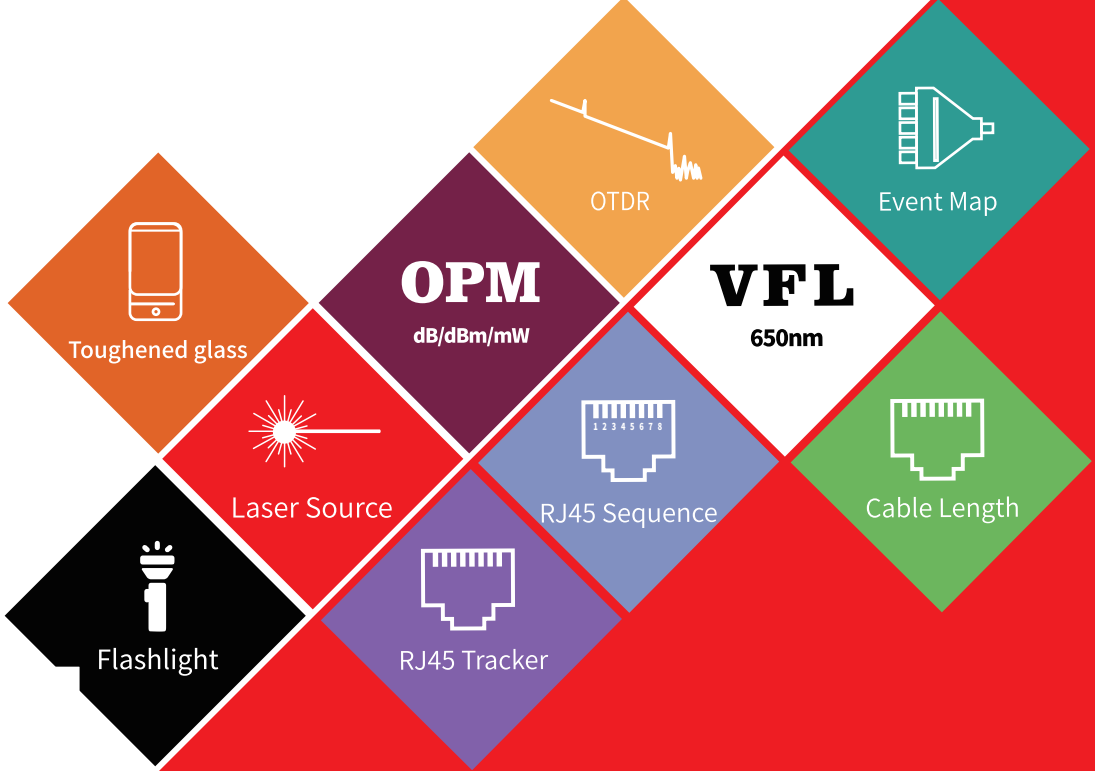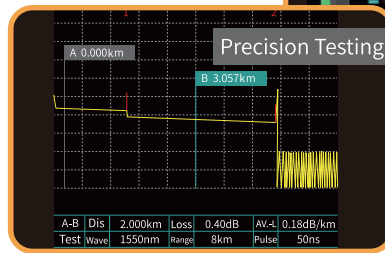F1 F2 F3 F4

ENT

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3.5 *inch*
3.5 inch Color LCD

9
9 Functional Modules

24 *dB*
24 dB Dynamic Range

iLNM-EVENT MAP

Fiber & RJ45
Photoelectric Integration
Multi-Functions

RJ45 Tracker

Precision Testing

A 0.000km
B 3.057km

| A-B Test | Dis Wave | 2.000km 1550nm | Loss Range | 0.40dB 8km | AV-L Pulse | 0.18dB/km 50ns |

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Toughened glass

OPM dB/dBm/mW

OTDR

Event Map

VFL 650nm

Laser Source

RJ45 Sequence
1 2 3 4 5 6 7 8

Cable Length

Flashlight

RJ45 Tracker

24dB Dynamic Range
80km Precision Test
Online Detection -APD Effective Protection
2.5m Event Blind Zone

OTDR Optical Time Domain Reflectometer
OPM -50~+26dBm Optical Power Meter
VFL   Visual Fault Locator
LS   Stabilized Light Source
RJ45   Ethernet Cable Sequence

Dual-wavelength OTDR
iLOM-Event Map
RJ45 Cable Length Measurement
RJ45 Line-Tracker Function

One-click Automatic Test
File Auto-saving
Test Results Automatic Analysis

SOR File Batch Processing
Remote Upgrade
Batch Export of USB Data Files

12h Continuous measurement time
20h Super-long Standby
Working Temperature: - 10℃ ~ + 50℃

Technical Specifications

OTDR					
Model	D	F1	F2	T	P1F1
Wavelength	1310/1550nm	1310nm	1550nm	1610nm	1625nm
Fiber Type	G.652				
Dynamic Range	24/22dB	24dB	22dB	22dB	22dB
Event Blind Zone	2.5m				
ATT Blind Zone	8m				
Test Range	500m~128km				
Pulse Width	3ns~10us				
Ranging accuracy	±（1m+ Sampling interval +0.005％×Test distance）				
Loss accuracy	±0.2dB/dB				
Sampling Points	16k~128k				
Sampling resolution	0.05m~8m				
Reflection accuracy	±3dB				
Data Storage	Internal：≥600；External：TF Card				
Laser Safety Level	Class Ⅱ				
File format	SOR Standard file format				
Connector	FC/UPC（Interchangeable SC、ST）				

OPM	
Wave Range	800nm~1700nm
Interface Type	Universal Joint FC/SC/ST
Test Range	-50dBm～+26dBm
Uncertainty	±5%
Frequency Identification	CW/270/330/1k/2kHz
Calibration wavelength	850/980/1300/1310/1490/1550/1625/1650nm

LS	
LD Type	FP-LD
Wavelength	Consistent with OTDR output wavelength
Output Power	≥-5dBm
Modulation Frequency	270/330/1k/2kHz
Stability	CW，±0.5dB/15min （Test after 15 minutes of preheating）
Connector	FC/UPC（Interchangeable SC、ST）

VFL	
Wavelength	650nm±20nm
Output Power	≥10mW
Mode	CW/1Hz/2Hz
Connector	FC/SC/ST

RJ45 Cable Length Measurement	
Test Range	300m

Other Parameters	
Display	Toughened glass，3.5 inch Color LCD
Data Interface	Micro USB
External storage	TF Card
Power Supply	Polymer Li-Battery：3.7V，4000mAh Adapter：5VDC，2A
Battery Life	Standby＞20h；Measuring time＞12h
Operating Temperature	-10℃～+50℃
Storage Temperature	-40℃～+70℃
Relative Humidity	0～95％Non Condensing
Size	173mm×82mm×37mm
Weight	≤350g