

Mini-All-in-One Tester



Optical Network Tester

5-in-1 Device

- Auto OTDR
- Event Map
- Optical Light Source
- Optical Power Meter
- VFL (Visual Fault Locator)

GKP-FF960

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Applications

- FTTH
- Cable Installation
- Network installation
- Cable Management

Features

- 5 Function
- Touch Screen
- 100km Test Range
- Auto OTDR
- Optical Multi-meter
- Quick save



The screenshots show the following screens:

- OTDR:** Displays test parameters like distance (23.020km), average OTDR rate (30km/200s), and a graph of the fiber link.
- Event Map:** Shows a table of events with columns for NO, Type, Dis, Loss, ArgL, RefL, and Total Loss. A 'PASS' status is indicated.
- OPN (Optical Power Meter):** Shows a reading of **-29.65dBm** at 1310nm. Other readings include Rel Power: -27.104B, Linear power: 1.08uW, and Frequency detect: CW.
- LS (Optical Light Source):** Shows Output Mode: CW and Wavelength: **1550nm**. Includes a DANGER warning: "Do not look directly at the output port. Avoid damage to eyes."
- VFL (Visual Fault Locator):** Shows Output Mode: IR and Wavelength: **650nm**. Includes a DANGER warning: "Do not look directly at the output port. Avoid damage to eyes."

The Kit Includes:
 OTDR, FC/SC Connector,
 User Manual, USB Disc, OTDRviewer
 Software, Power Charging Adapter,
 Carrying Bag, Warranty Card,
 Certificate of Calibrate



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OTDR Module	
Wavelength / Laser	1550nm±20nm / FP-LD
Pulse Width	5ns,10ns,20ns,30ns,50ns,80ns,100ns,200ns,300ns,800ns,1s,5us,2us,3us,5us,10us,20us
Distance Range	100m, 300m, 500m, 1.25km, 2.5km, 5km, 10km, 20km, 40km, 80km
Sampling Resolution	Minimum 0.03m
Sampling Point	Maximum 20,000 points
Linearity	≤ 0.05dB/dB
Distance Accuracy	±(1mmasuring distance x 3 x 10 ⁻⁵ +sampling resolution)(Excluding IOR uncertainly)
Loss Resolution	0.01dB
Distance Resolution	0.01m
IOR Setting	1.0 ~ 2.0, 0.0001 step
Units	Km
OTDR Format	Telcordia Universal, SOR, issue2(SR-4731)

Optical Power Meter	
Wavelength	850 / 980 / 1300 / 1310 / 1490 / 1550 / 1625 / 1650 nm
Test Range	-70 ~ +10dBm or -50 ~ +26dBm
Resolution	0.01dB
Uncertainty	±5%
Modulation	CW/270Hz / 330Hz / 1kHz / 2kHz, Pi ≥-40dBm, (Auto)
Connector	2.5mm Universal

Optical Light Source	
Wavelength	Same as OTDR
Output Power	> -5dBm
Output Mode	CW / 270 / 330 / 1k / 2k Hz

VFL	
Wavelength	650 nm
Output Power	10mW, CLASS III B
Range	12km
Launching Mode	CW / 1Hz / 2Hz
Connector	2.5mm Universal

General	
Display	3.5 inch Touch-Sensitive LCD Screen
Interface	USB Type-C, TF card port, OTDR port, VFL port, Power-meter Port, Charging port
Power Supply	In : 100~240VAC, 50~60Hz, 0.6A Out : 5VDC, 2A 2200mAh/3.7V Lithium Battery
Working Time	Continuous measurement> 3.5 hours, Standby> 6 hours
Power Saving	Intelligent Power management Auto power off : Never / 1min / 5min / 10min / 30min / 60min
Data Storage	Internal Flash Memory : 2,000 curves
Language	Korean, English
Size / Weight	126 x 80 x 37mm / 0.2kg(Battery included)

New Product of 2023