

Mini OTDR GK-60

GK-60 KTC 10260145
GKP-60 KTC 10264043

This product is an OTDR+Visual Fault Locator+Optical Power Meter integration device. It is designed to simplify the measurement of fiber optic cable distances instead of complex OTDR, and to allow fault spot detection and optical power strength to be measured. As you press scan button once, the distance to the cutting (end) point of the optical cable up to 60 km is displayed in m units, Within 15 seconds (same as the existing expensive OTDR). It is also easy to check whether the L2 switch is open or not. When opening the FTTH, check the assembly defect of the field assembly optical connector immediately. The infrared laser allows visual verification of the cutting point and measurement of the 6 wavelength optical signal. (850, 1300, 1310, 1490, 1550, 1625nm)

OTDR + VFL + OPM(only GKP-60) functions into one portable Tester





OTDR
(optical cable distance)



VFL
(check fault spot)



OPM
(optical power meter)

Check L2 switch is open



OTDR VFL
<GK-60>

Connector Assembly Integrity Test



OTDR OPM VFL
<GKP-60>

OPEN



field assembly optical connector Assembly defect



Features

- **OTDR** : Immediate display of optical cable cutting distance – up to 60km
- **Immediate check of L2 switch opening**
- **Field assembly optical connector assembly integrity**
- **VFL** : Visual Fault Locator (10Km)
- **OPM(only GKP-60)** : Suitable for wired and wireless transmission equipment
 - Measurement range (+10dBm ~ -70dBm)
 - Accuracy (less than 0.10 dB)
- Mini-type/light portable
- Store up to 200 measurement data
 - Downloadable to USB port
- Long battery life (5,000 times)

Specification

○ **Link Integrity and distance measurement between 5G MUXs**

- Optical jumper and cable in transmission room
- Transmission room FDF ~ station line
- Transmission room FDF ~ subscriber line
- FTTH field assembly optical connector test
- L2 switch opening check

Specification

OTDR		Specification
OTDR Light Source		1550nm (1310nm Optional)
optical fiber		9/125um SM Fiber
optical connector		SC/PC (FC option)
photodetector		InGaAs
Maximum laser Output		≥60mW
maximum measuring distance	Reflection event	60km (±1dB)
	Non reflection event	20km (±2.5dB)
Unit of Measurements		Meter
Event Dead Zone		15m
distance accuracy		± (2m+2*10 ⁻⁴) X distance)
OPM(only GKP-60)		Specification
Wavelength(nm)		850, 1300, 1310, 1490, 1550, 1625nm
Measurement range		+10dBm ~ -70dBm
photodetector		InGaAs
accuracy		≤ ±0.10dB
Resolution		0.01dB
VFL		Specification
Optical wavelength		650nm 적색광 (CW & 2Hz)
Output Power (mw)		≥1mW
일반		Specification
port		USB
Number of stores of data		200
Battery		AA건전지 3개, 4.5V
Battery Life		≥5000 이상 측정
Operating temperature		-5~40 °C
Storage temperature		-10~60 °C
Humidity		0~85 % R.H.
Dimension		200 X90 X50 mm
Weight (g)		320