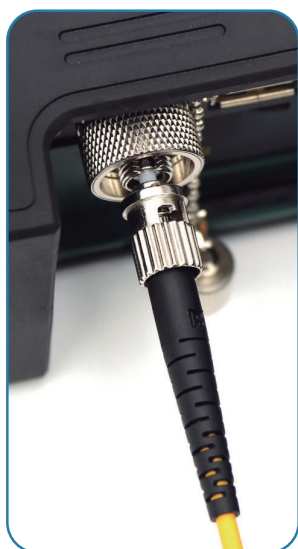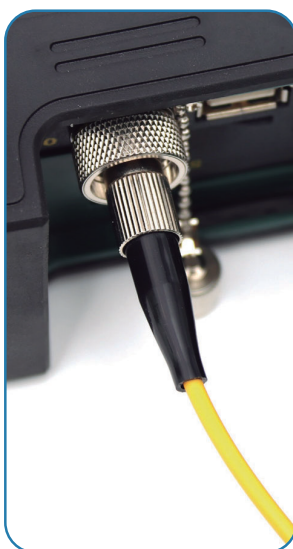# KomShine

QX-45/QX-35
Fiber Optic OTDR Tester

Key Features

- Applicable fiber: Networks with PLC Splitters.
- <1.8m extra-short event dead zone.
- Wavelength: Singlemode 1310/1550nm.
- Distance Range: 0.3, 1, 3, 5, 10, 30, 60, 120km (single-mode).
- 3.5 inch TFT-LCD (touch screen).
- One year Warranty.
- USB interfaces, supporting USB stick and printer and direct cable download to PC via ActiveSync.
- Memory capacity >800 traces.
- 4200mAh Large capacity lithium battery.
- Display: Color LCD.

Support four interface fiber types

| ST | FC | SC(Optional) | LC(Optional) |

GUI interface

GUI interface design, operation is more simple,
more intuitive reflection of the measurement results.

510m/Div 6.00dB/Div 1550nm/5km/80ns

A 637.96m 16.07dB

B 1275.93m 15 39dB

File: *
Total Loss: 2.698dB
Length:2013m
Attn:1.340dB/km

Color touch screen

Touch and key make operation more varied. To satisfy
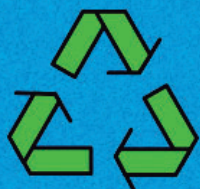different people's habits and improve their work efficiency.

15 hours

4200mAh

recycled

Product details

| OTDR | SD | USB | DC | VFL |

PRODUCT FEATURES

Shock resistant	Water resistant	Drop resistant	Dust resistant

PRODUCT SPECIFICATION:

PARAMETER	QX-35	QX-45
Central wavelength	1550nm	1310nm/1550nm
Type of compatible applicable fibres	single-mode	single-mode
Dynamic range	30 dB (90-100km)	32/30 dB (100-110km)
Min.event deadzone	1.6m(single-mode)	
Ranging accuracy	±(1m+sampling interval+0.003%xdistance) (excluding refractive index imbedding error)	
Resolution of ranging	0.1m-16m	
Loss threshold value	0.01dB	
Linearity	0.05dB/dB	
VFL output power	10mW(only integrated in QX45)	
Measurement range	4,8,16,32,48,64,128,256km(single-mode)	
Pulse width	10,30,80,160,320,640,1280,2560,10240ns	
Number of sampling points	65k	
Waveform storage capacity	1000 frames	
Range of refractive index	1.00000~2.00000	
Range of optical cable correction factor	0.80000~1.0000	
LCD display	40x480,3.5"color LCD	
Port	USB	

CONFIGURATION LIST: