MULTI-FUNCTION WIRE TRACKER

Work perfect when RJ11 RJ45 cable is on power

Stable   Durable   Security

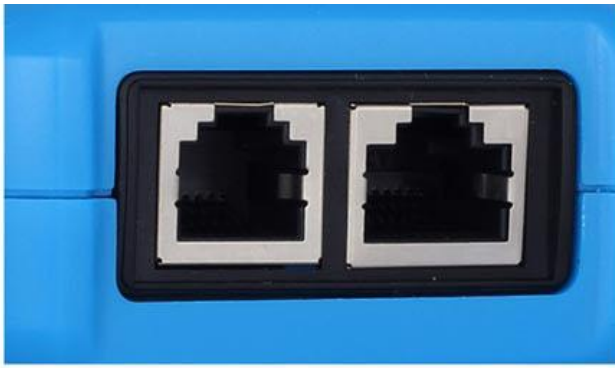# PARAMETER

Brand : BSIDE
Series : FWT Series
Model : FWT11
Color : Black + Blue
Size : Receiver:20.5×4×3cm
　　　　 Emitter:12.6×6.4×3cm
Net weight : 240g
Power supply :2× 9V 6F22 batteries
Certification : CE

This instrument is a multi-functional handheld cable testing Tool. It has wide application with reinforced cable types and Multiple functions. It is a necessary testing tool for Telecommunication engineering, wiring engineering and Network maintenance person.

6.4cm

20.5cm

12.6cm

4cm

RJ45　RJ11

Network

SCAN

TONE

CONT

TEST

SCAN　OFF　TONE

Network　CONT

CE　　EN61010-1

SCAN
1
2
3
4
5
6
7
8
G

FWT11T

FWT11R

RJ45

—— Decomposition Diagram ——

Probe

Spotligh
Wire scan indication light
Wire scan power light

Headset jack

ON/OFF

Power switch

Volume rotary knob

RJ11 terminal

RJ45 terminal

RJ45　RJ11

Wire collation indication light
Wire scan indication light
Status indication light
Continuity indication light
LED wire sequence light
TEST button

multi-function
wire tracker　FWT11T

Network

SCAN

TONE

CONT

TEST

Spotlight switch

Wire scan switch

SCAN
1
2
3
4
5
6
7
8
G

LED wire sequence light

Function rotary knob

SCAN　OFF　TONE

Network　CONT

CE　　EN61010-1

multi-function wire tracker
receiver　FWT11R
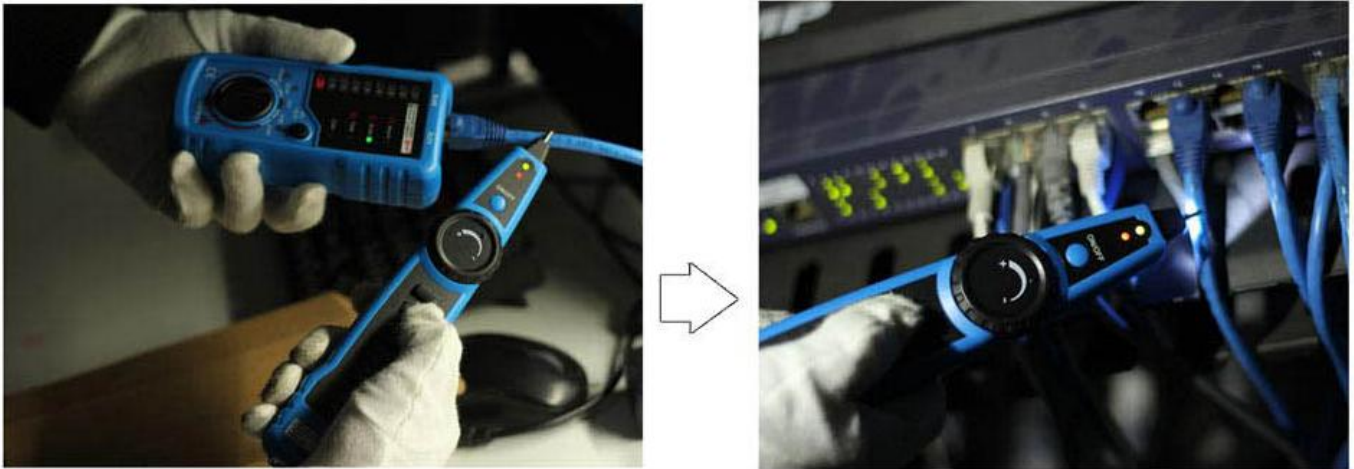
RJ45

RJ45 terminal

DETAILS

MAIN FUNCTIONS

- Wire tracing Trace RJ11, RJ45, cables or other metal wire (via adapter). Easy and fast to locate the breakpoint without opening the wire's cover.
- Network cable collation: Judge short-circuit, breaking circuit, open circuit and crossing.
- Test line level, positive and negative polarity.
- Status of telephone line checking: Test the working status of telephone line (idle, ringing, and off-hook) and judge TIP and RING line.
- Check wire continuity.

General technical parameters

- Temperature

    Operating temperature: 0 °C ~ 40 °C, maximal 80% relative humidity (non-condensing)

    Storage temperature:-10~50°C, maximal 80% relative humidity (non-condensing, battery not included)

- Altitude:<2000m(meter)
- Anti-explosion rating:IP 40
- Distance of emitting signal :300m or so
- Battery

    Emitter: 6F22/9V; receiver: 6F22/9V

OPERATION METHOD

Wire Tracing

This function is capable of quickly finding the required line pairs among numerous ones. It is adaptable to network cable RJ 45 terminal, telephone line RJ11 terminal. Via an adaptor can test other metal wires. Operation method

a. Turn the emitter's function rotary knob to SCAN position.

b. Connect one end of tested line to the corresponding terminal of emitter (e.g. RJ45, RJ11) or connect to RJ11 terminal via an adaptor.

c. SCAN indication light on means emitter starts to send signal to tested wire.

d. Power on the receiver, hold receiver and press "SCAN" button to test the other end of tested line (e.g. near line stacking of telephone line distribution cabinet, terminal box, hub, and exchanger). Compare the sound sent by receiver, the line with the loudest sound close to probe will be the target.

e. Adjust the volume of receiver by pressing the volume rotary knob during test to adapt to site environment.

Notes: You can connect headset to the headset jack of receiver in places with loud noise.

Network Cable Collation

It tests physical connection status of network cable, such as open circuit, short connection, miswire and reverse connection.Operation method

a. Turn the emitter's function s rotary knob to Network position.

b. Connect one end of network cable to RJ45 socket of emitter, and connect another end of network cable to RJ45 socket of receiver.

c. Press "TEST" button to start test. Line pair indicator lights will tell results.

d. Short connection: there will be 2 or more lights on simultaneously on the receiver. The lighting quantity indications the quantity of shorted wires.

e. Open circuit: On the receiver, the corresponding line pair indicator light will not turn on.

Test line level, positive or negative polarity:

Use the emitter to test DC level, positive or negative polarity in circuits. Methods to operate:

a. Transmitter to the rotary knob to telephone stalls, the transmitter began to work.

b. Connect RJ11 crystal head terminal of adapter to RJ11 terminal of emitter. Clamp The tested line with a red-black clip.

c. If telephone line status indicator light turns red (in the middle of button switch),

The red end is positive, and the black end is negative. If it turns green, the red End is negative and black end is positive.

d. The light is brighter when level is higher. The light dims when level is lower.

Continuity Checking

a. Turn the emitter's function rotary knob to CONT position.

b. Connect RJ11 crystal head terminal of adaptor to RJ11 terminal of emitter. Clamp the red and black clip to the two ends of the tested wire.

c. "CONT" light on means the wire is continuous. Less line impedance, the brighter is the light.

PACKAGING