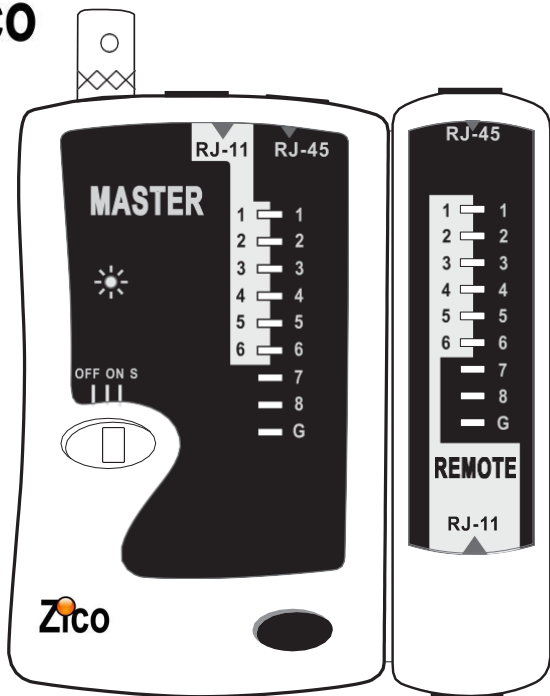


Coax, LAN, Tel Cable Tester

ZI-2088

Zico



CE

Name	MULTI-MODULAR CABLE TESTER ZI-2088
Display	LED Indicator
Connector Type	RJ45, RJ12 (RJ11) & BNC Connector
Function Selector	Slide Switch (OFF, ON, S)
Cable Type	<ul style="list-style-type: none"> • Shielded(FTP) or Unshielded(UTP): CAT-5, CAT-6, CAT-7 • RJ12-11 TEL Cable: 6P6C, 6P4C, 6P2C • Coax Cable: For Cable with BNC Connector
Error Status	PASS, OPEN, SHORT
Measure Type	EE Resistance Measuring technology
Cable Length Approachable	More than 10KM
Power Source	(9 Volt) Alkaline battery
Physical Dimension	120mm(L), 102mm(W), 30mm(H)
Environmental	Operating Temperature: 0~50°C (32~122°F) Storage Temperature: -10~60°C (14~140°F) Humidity: 10~90% non-condensing
Accessories	(9 Volt) Alkaline battery, BAG, LED Indicator accessory with BNC Connector.

Introduction:

- This device is used for testing (RJ45, RJ11/12, Coax) cable by the Both Units Main and Remote.

Zi-2088 Device is simple and easy to use.

Description:

• Cable Testers Function

- Cable Tester able to identify the condition as below list:

LAN Cable with (RJ-45): (Pass, Open, Short)

TEL Cable with (RJ-11/12): (Pass, Open, Short)

Coax Cable with (F/BNC): (Pass, Open, Short)

- Cable Tester able to approach with the Length of Cables as below list:

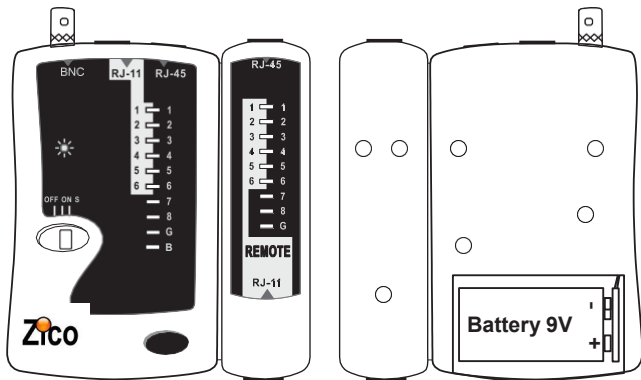
LAN Cable Length: More than (300 Meters) also (1,000 feet).

TEL Cable Length: More than (300 Meters) also (1,000 feet).

Coax Cable Length: More than (300 Meters) also (1,000 feet).

• Battery Feature

- Use the standard Alkaline Battery (DC 9V) x 1.



• Easy to Using with Fast

- User Just only

open the battery compartment at the back of the cable tester and insert a 9 battery. Close the battery compartment, the tester is ready to be used. Set the main switch into "ON" or "S" show mode. The power indicator should light up.

How to Use Zico ZI-2088

1. Turn on power switch, the power light will be flash.

“ON” for normal speed test.

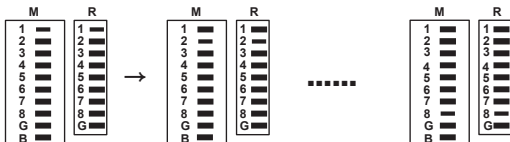
“S” for low speed test.

2. To test (UTP)LAN Cable,

One side connecting to the RJ-45 slot of master unit,

As the other side connecting to the RJ-45 slot of remote unit.

To look at the Result whether correct as below pictures... indicator light from No.1 ~ 8



If the cable is Normal,

The indicator light will be light from No.1 to 8.

If the cable is Fault,

The indicator light does not shine which Pins are short or open.

• Example.1

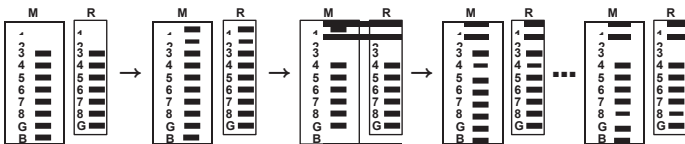
When LAN Cable (Pin1, Pin3) are Open,

Then below result are after doing test.

The indicator light of Main Unit will be light a moment on these position “ ,2 ,4,5,6,7,8”

The indicator light of Remote Unit will be light a moment on these position “ ,2 ,4,5,6,7,8”

But the indicator light of Both Main and Remote will always be dark on the position “1,3”



• Example.2

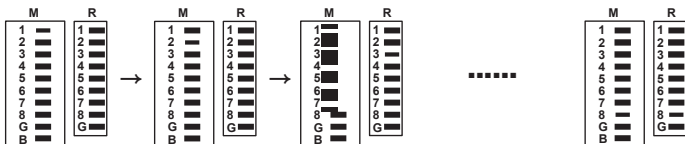
When LAN Cable (Pin1 with Pin2) are Short,

Then below result are after doing test.

The indicator light of Main Unit will be light a moment on these position “1,2,3,4,5,6,7,8”

The indicator light of Remote Unit will be light a moment on these position “ ,3,4,5,6,7,8”

But the indicator light of Remote will always be dark on the position “1,2”

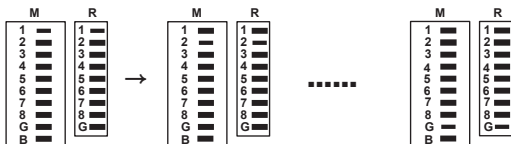


3. To test (FTP)LAN Cable,

One side connecting to the RJ-45 slot of master unit,

As the other side connecting to the RJ-45 slot of remote unit.

To look at the Result whether correct as below pictures... indicator light from No.1 ~ 8 with G.
("G" is Shield wire of LAN Cable)



If the cable is Normal,

The indicator light will be light from No.1 ~ 8 with G.

If the cable is Fault,

The indicator light does not shine which Pins are short or open.

• Example.1

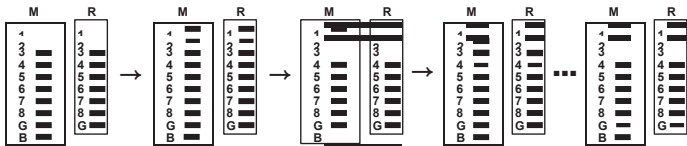
When LAN Cable (Pin1, Pin3) are Open,

Then below result are after doing test.

The indicator light of Main Unit will be light a moment on these position "2, 4,5,6,7,8,G"

The indicator light of Remote Unit will be light a moment on these position "2, 4,5,6,7,8,G"

But the indicator light of Both Main and Remote will always be dark on the position "1,3"



• Example.2

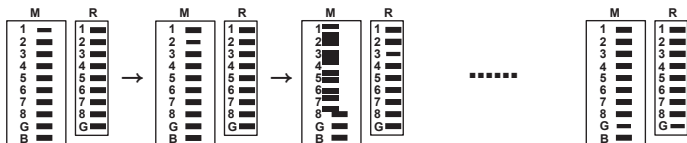
When LAN Cable (Pin1 with Pin2) are Short,

Then below result are after doing test.

The indicator light of Main Unit will be light a moment on these position "1,2,3,4,5,6,7,8,G"

The indicator light of Remote Unit will be light a moment on these position "3,4,5,6,7,8,G"

But the indicator light of Remote will always be dark on the position "1,2"

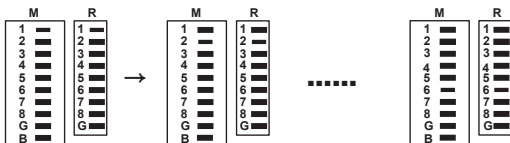


4. To test TEL Cable,

One side connecting to the RJ-11 slot of master unit,

As the other side connecting to the RJ-11 slot of remote unit.

To look at the Result whether correct as below pictures... indicator light from No.1 ~ 6



If the cable is Normal,

The indicator light will be light from No.1 ~ 6

If the cable is Fault,

The indicator light does not shine which Pins are short or open.

● Example.1

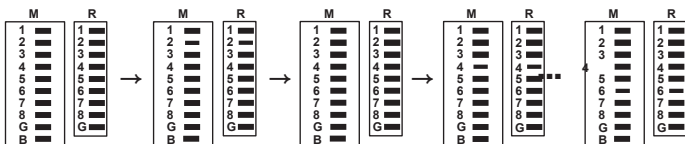
When TEL Cable (Pin1, Pin3) are Open,

Then below result are after doing test.

The indicator light of Main Unit will be light a moment on these position " ,2 ,4,5,6"

The indicator light of Remote Unit will be light a moment on these position " ,2 ,4,5,6"

But the indicator light of Both Main and Remote will always be dark on the position "1,3"



● Example.2

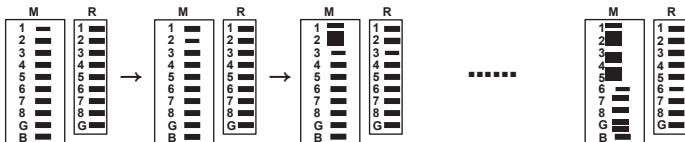
When TEL Cable (Pin1 with Pin2) are Short,

Then below result are after doing test.

The indicator light of Main Unit will be light a moment on these position "1,2,3,4,5,6"

The indicator light of Remote Unit will be light a moment on these position " ,3,4,5,6"

But the indicator light of Remote will always be dark on the position "1,2"



5. To test coaxial cable,

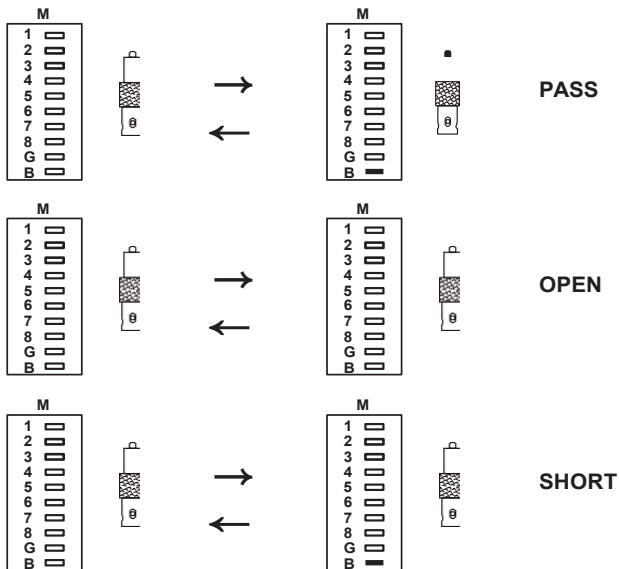
connect one end of coaxial cable to the connector on the main unit and connect a terminator to the other end of the cable.

If the cable is good,

the (LED with Coax Kit of ZI-2088 indicator light as the main unit shines green at same time.

If the light does not shine,

the cable has an open connection or short.



• Warning:

1. For protect and safety reason, please don't use test AC power.
2. Turn on the power switch and check if the LED doesn't glow,
Then please replace a new 9V battery.

• Remarks:

Please make sure a 9-volt alkaline battery has been installed in the battery compartment.

• Caution:

Don't connect cable tester to the live circuits as it may be damaged by over voltage.



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 DO NOT USE ON LIVE CIRCUITS