

NCT-100-S Multi-function cable tester

NCT-100-S Multi-Function Cable Tester Kit can help you quickly find network cables with OOK audio during network construction and maintenance. Use TDR diagnostic technology to quickly and accurately locate fault points and accurately measure wiring diagrams and lines and Cable identification, etc.

Features:

Power-on calibration removes circuit errors due to ambient temperature and humidity.

OOK audio hunt technology: It has strong anti-interference ability in complex environment.

Line sequence measurement: Accurately draw a line sequence diagram to detect open shorts.

Cable identification: Accurate measurement of the ID adapter, with 16 ID adapters.

Cable diagnosis: TDR measurement technology, high precision, high resolution, open circuit short-circuit fault location, ultra-long-distance cable measurement, support for twisted-pair cable coaxial copper telephone line.

Loop Resistance Measurement: Accurately measure cable resistance with resolution as low as 1 ohm.

System settings: sound backlight setting, English Chinese switching, device information viewing.



Specifications

Cable diagnosis	Twisted pair: UTP、FTP、STP Coaxial: 75Ω,50Ω,93Ω PSTN: pure copper cable Range: 0.1 meter to 450 meters Resolution: 0.1 meter Typical tolerance: ±1% or 0.2 meter Calibration: calibration cable must longer than 20 meters.
Audio tracker	Three tones available, output level is 5Vp-p
Cable ID	Support up to 16 RA-30 IDs
Wiremap	Draw map time is less than 1s
Loop resistance	Range: 0~1800ohm, tolerance is less than 1%
Language	English/Chinese

Ports	RJ-45 x1, RJ-11 x 1
Interface	2.0" LCD ,128×64 pixels; LED x1; Keys ×5
Weight	100g

Port	RJ-45 x 1
Interface	LED x 2
Weight	85g
Environment	Work environment -10~+40 °C Storage environment -20~+60°C Work humidity 95% RH (no condensation)
Power	2 x AA alkaline or 2 x AA NiCd/NiMH batteries

NVP (rated transmission rate) reference table:

Type	NVP value (%)	Description
UTP 100Ω Cat 6	69	UTP
STP 100Ω Cat 6	78	STP
UTP 100Ω Cat 5e	69	UTP
STP 100Ω Cat 5e	78	STP
UTP 100Ω Cat 5	69	UTP
STP 100Ω Cat 5	78	STP
STP 120Ω Cat 5	77	STP
UTP 100Ω Cat 4	66	UTP
UTP 100Ω Cat 3	62	UTP
STP 150Ω	78	STP
10Base2	80	Coaxial cable (thin)
10Base5	78	Coaxial cable (thick)
RG-58	66	Coaxial cable
RG-58 Foam	78	Coaxial cable
RG-8	84	Coaxial cable
RG-8A/U	84	Coaxial cable
RG-11/U	82	Coaxial cable
RG-6/U	82	Coaxial cable
RG-59	69	Coaxial cable
RG-59 Foam	78	Coaxial cable
RG-62	84	Coaxial cable

Package List

NCT-100 x 1

CT-100 x 1

RA-30 x 4 (ID1~ID4)

RJ-45 switching cable x 1

RJ-11 switching cable x 1

RJ45-alligator clip cable x 1 (connected to 4/5 pairs, correspond to positive and negative of Coaxial cable)

Operating Manual / Warranty Card x 1