Technical Specifications

Specification		
Model	UT698A-15KIT	UT698A-30KIT
Optical Power Meter Specifications and Functions		
Detector Type	InGaAs	
Wavelength Response Range	700~1700 nm	
Power Meter Interface	2.5mm Universal connector	
Measurement Wavelength	850nm/980nm/1270nm/1300nm/1310nm/1490nm/1550nm/1577nm/1625nm/1650nm.	
Measurement Range	-50~+30dBm	
Accuracy	(1550nm, 1310nm, 1490nm, 1625nm)±0.4dB, (850nm, 980nm, 1300nm, 1270nm, 1577nm, 1650nm) ±1dB	
Display Unit	dB, dBm, mW, uW, nW.	
Frequency Identification	270Hz/330Hz/1kHz/2 kHz.	
Data Storage	500 set	
User Self-Calibration	√	
Relative Value Measurement	√	
Red Light Functions		
Red Light Source Interface	2.5mm Universal connector	
Output Power	15mW	30mW
Red Light Wavelength	650±20nm	
Cable Crimping Function	RJ45 8pin: >10cm	
Network Cable Sequence Function		
Applicable Network	UTP/STP network cables	
Network Cable Interface	RJ45 (8P8C+G)	
Test Distance	114*65*29mm	
Weight	600m	
Audio Cable Tracing Function		
Cable Tracing Function	Analog & Digital mode	
Detection Distance	600m	
LAN Cable Tester		
LAN Cable Tester Signal	Analog/Digital	
Test Interface	RJ45	
Flashlight Function	√	
Non-contact Voltage Detection Function		
Non-contact Voltage Detection	AC 90V-1000V	
General Characteristics		
Battery	Lithium polymer battery 3.7V/450mAh(UT698-15T/UT698-30T/UT698R)	
Weight	About 120g(UT698-15T/UT698-30T), About 100g(UT698R)	
Size	114*65*29mm(UT698-15T/UT698-30T), 180*45*26mm(UT698R)	
Accessories	1*Optical Power Meter, 1*LAN Cable Tester, 1*Gift Box, 1*Type-C Charging Cable, 1*Headphone, 1*RJ45 Patch Cord, 1*RJ45 Alligator Clip Patch Cord, 1*Cloth Bag, 1*User Manual	
Standard Quantity Per Carton	20pc	

Applications



Telecommunications Operators


Private Network Construction & Maintenance


Fiber Cable Production Testing

UNI-TREND TECHNOLOGY

meters.uni-trend.com



UT698 Series 7-in-1 tester combines optical power meter, red light source, NCV detector, wire tracker, network cable tester and flashlight. It integrates multiple functions for fiber & cable network work, boosting work efficiency.

Optical power measurement

Red light source

Network Cable Sequence Detection

Cable Tracing Test

Data Storage

NCV Test

Powerful Red Light Source

15mW/30mW Stable Red Light for Quick Fiber Fault Detection



Fiber Power Test

10 wavelengths for optical power and loss testing.



RJ45 Cable Sequence Test

Verify both ends of the Ethernet cable meet standard pinout to avoid network communication errors.



Built-in Bright LED Light

Facilitates cable work in dark environments.



One-End RJ45 Crimp Verification

Instantly judge crimp quality with only one connector, different from traditional testers



NCV Non-Contact Voltage Detection

Detect live wires without direct contact, ensuring operator safety.



500 Groups Data Storage

Stores 500 sets of power data for easy review.



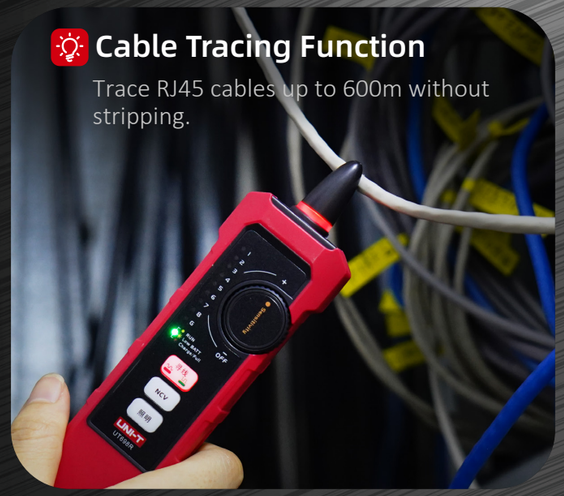
Offset Calibration

Adjustable [-5,5]dB range for direct effective value display.



Cable Tracing Function

Trace RJ45 cables up to 600m without stripping.



USB PC Communication Function

Transfer stored data to PC software via USB and export as Excel reports.

