

Precision Testing for Reliable Connectivity

The DINTEK DCT-020 Copper and Optical Cable Tester is essential for achieving top-tier network performance and connectivity. Engineered for versatility, this all-in-one solution supports copper and fiber optic cables, enabling network professionals to troubleshoot and resolve issues quickly and precisely.



The
affordable
cable
testing
solution



DINTEK DCT-020 Copper and Optical Cable Tester



Key Features



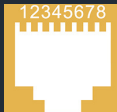
Wire Mapping: Quickly identify Cat.5e/Cat.6 and validate cable wiring sequences



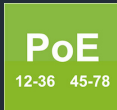
Length Testing: Automatic cable length detection for verification and trouble-shooting



Port Flashing: Easily identify connected ports on switches or routers with flashing indicator lights



RJ45 Crimping QC Test: Ensure wire-to-plug contact and proper connection, minimizing failures & saving time.



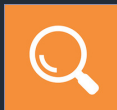
PoE Testing: Detect PoE devices, incl. non-standard and 802.3AF/802.3AT standards



Optical Power Meter: Measure optical power and loss in single-mode optical fibers



Visual Fault Locator: Quickly navigate Fiber break points with visible red lights



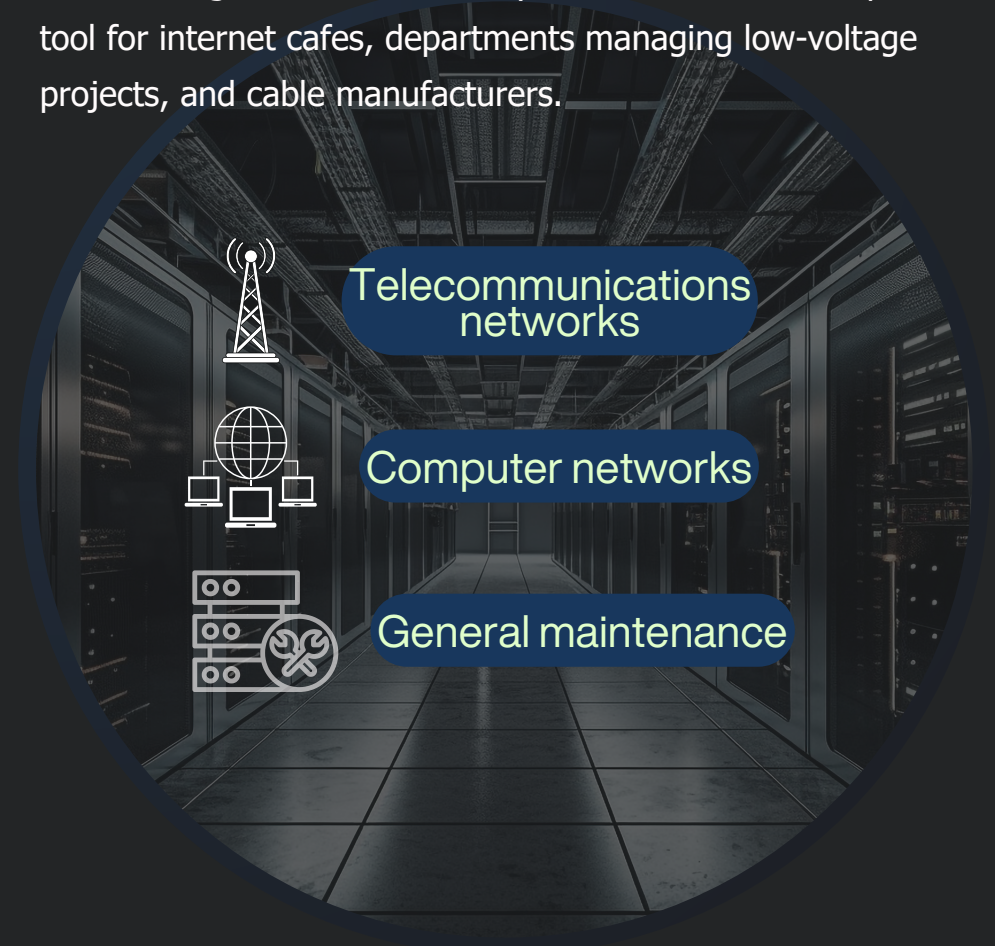
Location Scanning: Adjustable signal strength indicator helps find cables from bundled cables, walls etc (300 m)



Non-Contact Voltage Tester Pen: Identifying live equipment and detecting live wires and sockets

Applications

The DCT-020 Copper & Optical Cable Tester is expertly designed to cater to the diverse needs of telecommunications companies, cabling installers, telecommunications engineering firms, and network engineers. Its versatility also makes it an indispensable tool for internet cafes, departments managing low-voltage projects, and cable manufacturers.



Product Interface

User-friendly
interface

Precision
detection

Dual-
functionality

Field-ready
design



Specifications

Model		DCT-020	
Cable type		Cat.5e/Cat.6	
Voltage protection		60V	
Battery		Type C charge	
Transmitter	CONT	Wiremap port	RJ45
		Max range	300m
		STP/NTP	✓
		Digital mode and analog mode	✓
	Scan	Frequency	455KHz
	Port Flash	Full duplex / half duplex	Automatic identification
		Auto-nego / non-auto-nego	
		10m/100m/1000m	
	Length	≥20M +/- 1.6M, 20M-100M +/- 2.4M, ≥ 100M +/- 3.2M	
	PoE	Standard/non-standard	Automatic identification
		End connection/ middle jumper/ powered by 8 cores	
		PoE power supply	Voltage detection
	NVL	10mW	
	Power meter	850/1300/1310/1490/1550/1625nm (wavelength)	
	Crimping	RJ45-8 cores, min length is ≥10cm	
Lower voltage warning	>3.5V + 0.1V		
Power supply	3.7V 1500mAh polymer lithium battery		
Transmitter size	148 x 70 x 32mm		
Receiver	Sensitivity adjustable	✓	
	Max. range	300m	
	Digital mode and analog mode		✓
	Max. working current		≥300mA
	NCV		✓
	Lamp		✓
	Lower voltage warning		✓
	Power supply		3.7V 1500mAh polymer lithium battery
	Receiver size		198 x 50 x 28mm

DCT-020 Copper & Optical Cable Tester



Contact us for pricing!

For more information about the DINTEK DCT-020 Copper and Optical Cable Tester, don't hesitate to reach out to our dedicated sales team. We're here to assist you in selecting the right tools to enhance your network performance and streamline your operations. Alternatively, you can contact your local authorized DINTEK distributor for pricing and availability in your area.

Our knowledgeable representatives are ready to provide guidance and ensure you have all the support you need to make an informed decision. Let us help you take the first step towards superior network connectivity and reliability today!

- Versatile Dual-Functionality:** Supports both copper and fiber optic cables, detecting faults such as breaks, shorts, and wiring issues with precision.
- Built for Reliability:** Durable construction and intuitive interface make it ideal for field use across various environments.
- Essential for Network Professionals:** Streamlines troubleshooting and ensures optimal performance in telecommunications, maintenance, and computer network installations.

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