

WIREXPERT MPC8



High End Copper Certifier

WireXpert MP series is designed to meet the diverse certification needs of networking environments ranging from small/home offices to medium-sized enterprises and large-scale data centers. Its modular design covers all applications from copper 100 kHz to 3000 MHz up to multimode and singlemode fiber tier 1 certification.

WireXpert MP with C8 modules covers copper certification up to Cat 8 and beyond with a frequency range from 100 kHz to 3000 MHz.

The WireXpert MP range is packed with features that help saving time on the job - e.g. a camera for barcode scanning and an optional label printer function as well as an integrated project management and on-board PDF reporting (separate free of charge PC software also included). If links fail, WireXpert MP translates complex RF measurements into easy-to-understand test results, helping users to pinpoint and repair issues.

FEATURES

- The flagship of the WireXpert MP series for copper testing up to Cat 8 and up to 3000 MHz
- Includes 8.2 connectivity DCRU and TCL measurement as well as MPTL and E2E test modes
- Fast test times enabling users to complete jobs in minimum time
- Fast pre-Wiremap to pinpoint wiremap issues even before an AUTOTEST was started by the user
- Comes with replaceable and cost-effective LONGLIFE measuring cables

The devices are ergonomically optimized with two AUTOTEST buttons for left- and right-handed use. Flip Tags allow the user to change the identity of the device of being either a LOCAL or REMOTE unit making the device more flexible for various applications.

WireXpert MP C8 is expandable with singlemode, multimode or quad multi- and singlemode tier 1 certification modules.



Parameters	Specification
WIREXPERT MPC8	
COPPER TESTING	
Accuracies	Exceeds: IEC 61935-1 Level IIIe, IV, V, VI; IEC 61935-1-1; IEC 61935-1-2; TIA 1152A Level IIIe, 2G; TIA-5071; draft ISO/IEC 61935-4
Certification testing	TIA 568.2-E CAT 5e, 6, 6A, CAT 8, TIA 1005A, TIA 568.5, TIA 568.7; ISO/IEC 11801 series and EN 50173 Class D, E, EA, F, FA, Class I and Class II; <i>TIA and ISO testing modes:</i> Permanent link, channel, MPTL, E2E; Patchcord testing Cat 5e, 6, 6A, 7, 7A, 8
Max. cable length for dual-ended Autotest	Measurement range: 0 - 2000 m, display resolution: 0.1 m
Insertion cycles	Channel: 10000 typical, Permanent link: 5000 typical
TEST PARAMETERS	
Wiremap	TIA 568A and 568B, crossover variants, Profinet
Loop Resistance	Measurement range: 0 - 200 Ohm, display resolution: 0.1 Ohm
Length	Measurement range: 0 - 2000 m, display resolution: 0.1 m
Propagation Delay and Delay Skew	Measurement range 1 ns - 10 µsec, display resolution: 1 ns
RF Parameter Display Resolution	0.1 dB
Advanced diagnostics	Time-domain fault Locator for RL and NEXT
GENERAL SPECIFICATIONS	
Interfaces	4x USB host, 1x USB device, 1x DC power jack, 1x 3.5 mm audio jack, 1x RJ45 Ethernet jack
Display	5.5" industrial LCD, projected capacitive touch sensitive area on both units
Camera	Single 5 MP, f/2.2, 89 degree FOV, integrated with single white LED
Sensority	Built-in accelerometer for screen orientation
Enclosure	Ruggedized plastic with rubber over-mold and rubber dust covers
Remote unit abilities	View test results, save tests, start autotest
Power supply	AC 100 - 240 V to 12 V; 3 A power adapter
Battery	7.2 V, 6.7 Ah; removable and rechargeable Li-Ion
Operating time with batteries	>8 hours continuous operation
Internal storage capacity	2500 MB
External storage	USB Flash Drive
Dimensions	260 mm x 120 mm x 55 mm
Weight	Approx. 1.1 kg (incl. battery)
Supported languages	EN, DE, FR, ES, IT
Calibration period	1 year
ENVIRONMENTAL	
Operating temperature	0 to 40 °C
Storage temperature	-20 to 60 °C
Relative humidity	10 % to 80 %
MINIMUM SYSTEM REQUIREMENTS FOR REPORTING SOFTWARE	
Microsoft Windows 10/11, 32 or 64 bit	Intel Core i5, 2.4 GHz and higher
500 MB of free disk space	1 GB RAM
Microsoft.NET Framework 4.0	



ORDERING INFORMATION

WireXpert MP - C8

Article number **230000**

Scope of delivery:

- 2 Mainframe units
- 2 Copper test module units C8
- 2 Cat 8 channel test adapters
- 2 Cat 8 permanent link test adapters
- 2 Longlife permanent link cords
- 2 Charging adapters
- 2 Headsets
- 1 Quick reference guide
- 1 Set of calibration and conformity certificates
- 1 DCRU calibration artifact
- 1 Tri-mode softcase

You can find all available modules/models of the WireXpert series as well as additional accessory offers on our website.

Find your local distributor:

itnetworks.softing.com/contact

Available here:

HEADQUARTERS

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