

WIREXPERT MPC6A+FQ



MPC6A+FQ Copper & Fiber Certifier

WireXpert MP 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 600 MHz and fiber OSI-2 and OM1-5

The WireXpert MP with C6A modules is the full featured entry level product in the WireXpert MP range. It comes with all modern test options like DCRU and TCL and is software upgradable to 3000 MHz.

WireXpert MP FQ is a quad OLTS with the ability to test 2 strands simultaneously automatic fiber length detection and Bidirectional link loss measurements to TIA standards.

FEATURES

- Includes DCRU and TCL measurement as well as MPTL and E2E test modes standard (MPTL and E2E hardware separately purchased)
- Cat 6A and Cat 7 tester with a frequency range from 100 kHz to 600 MHz
- Supporting Single Pair cabling
- Cat 6A and Cat 7 tester with a frequency range from 100 kHz to 600 MHz
- WireXpert MP mainframe with a frequency range from 100kHz to 600MHz licensed module for SPE and up to CAT 6A and CAT 7 copper testing
- Fully upgradeable to 3000 MHz for already existing and upcoming applications. (e.g Cat 8)
- Comes with replaceable LONGLIFE measuring cables (more cost-effective)
- Integrated project management and on-board PDF reporting*
- Camera for barcode scanning and output option for labels to a printer
- Advanced Dual Control System DCS+ for best in class ergonomics and intuitive and easy to use UI
- Measurement cables for a wide range of industrial connectors are available



Parameters	Specification
WIREXPERT MP C6A+FQ	
COPPER TESTING	
Accuracies	Exceeds: IEC 61935-1 Level IIIe, IV; IEC 61935-1-1; IEC 61935-1-2; TIA 1152A Level IIIe; TIA-5071; draft ISO/IEC 61935-4
Certification testing	TIA 568.2-E CAT 5e, 6, 6A, TIA 1005A, TIA 568.5, TIA 568.7; ISO/IEC 11801 series and EN 50173 Class D, E, E _A , F; TIA and ISO testing modes: Permanent link, Channel, optional MPTL, E2E; Patchcord testing CAT 5e, 6, 6A, 7, COAX
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 or 17,00 CAT 6A Results
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 64bit	Intel Core i3, 2.4 GHz and higher
200 MB of free disk space	1 GB RAM
Microsoft.NET Framework 4.0	



ORDERING INFORMATION

WireXpert MP - C6A+FQ

Article number **230407**

Scope of delivery:

- 2 Mainframe units
- 2 Copper test module units
- 2 Cat 6A channel test adapters
- 2 Cat 6A permanent link test adapters
- 2 Longlife permanent link cords
- 2 Quad mode fiber optic test module units
- 2 SC interchangeable adapters for RX (In)
- 2 LC interchangeable adapters for RX (In)
- 2 SC interchangeable adapters for TX (Out)
- 2 LC interchangeable adapters for TX (Out)
- 2 Charging adapters
- 2 Headsets
- 1 Quick reference guide
- 1 Set of calibration and conformity certificates
- 1 DCRU calibration artifact
- 1 Tri-mode Hardcase

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:

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