WIRE**X**PERT MP**C6A**

Modular entry level copper certification

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 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.

The C6A is the only Cat 6A certifier that is also capable of testing 600 MHz SPE cabling. With its easy to use, intuitive user interface, this version is the perfect companion for installations in office and industrial environments. The devices are optimized with the advanced Dual Control System DCS+ for best in class ergonomics and 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.

FEATURES

- WireXpert mainframe with 600 MHz copper test module (fully upgradeable to 3000 MHz for existing and upcoming applications, e.g Cat 8)
- With a frequency range from 100 kHz to 600 MHz, the C6A is not only a Cat 6A and Cat 7 tester, but also supports Single Pair cabling
- Includes DCRU and TCL measurement as well MPTL and E2E test modes
- Comes with replacable and cost-effective LONGLIFE measuring cables
- For industrial uses, a wide range of connectors and measurement cables are available

The WireXpert MP range is packed with features that help saving time on the job; for example with the 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. The devices comes with an integrated camera for barcode scanning and an optional label printer function.

SCAN ME

IT Networks

itnetworks.softing.com/WX-C6A

WIREXPERT MPC6A

Parameters	Specification
	WIREXPERT MP C6A
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, MPTL, E2E; Patchcord testing Cat 5e, 6, 6A, 7
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 ℃
Storage temperature	-20 to 60 ℃
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 - C6A

Article number	230001

Scope of delivery:
2 Mainframe units
2 Copper test module units C6A
2 Cat 6A channel test adapters
2 Cat 6A 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:

v1.0225

HEADQUARTERS

Softing IT Networks GmbH
Richard-Reitzner-Allee 6
85540 Haar, Germany

📞 +49 89 45 656 660
✉ info.itnetworks@softing.com
itnetworks.softing.com