

# WIRESXPERT MPC6A



## 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 both office and industrial environments. The devices are optimized with the advanced Dual Control System DCS+™ for best-in-class ergonomics and feature two AUTOTEST buttons for left- and right-handed users.

### 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
- Fast InstantWiremap™ for locating wiremap problems even before the user has started an AUTOTEST
- Comes with replacable and cost-effective LongLife™ measuring cables
- For industrial uses, a wide range of connectors and measurement cables are available

FlipTags™ allow the user to change the identity of the device of being either a LOCAL or REMOTE unit.

The WireXpert MP series is packed with features designed to save time at work. DocuCam™, the built-in camera with flash, makes cabling documentation easy. The LinkTrack™ mechanism simplifies link tracking by generating and scanning QR codes. The certifier also includes integrated project management and PDF reporting (a separate, free PC software is also available). When connections fail, the WireXpert MP translates complex RF measurements into easy-to-understand test results, helping users identify and troubleshoot issues.



Parameters	Specification
<b>WIREXPERT MP C6A</b>	
<b>COPPER TESTING</b>	
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 <sub>A</sub> , F;  <i>TIA and ISO testing modes:</i> 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
<b>TEST PARAMETERS</b>	
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 usec, display resolution: 1 ns
RF Parameter Display Resolution	0.1 dB
Advanced diagnostics	Time-domain fault Locator for RL and NEXT
<b>GENERAL SPECIFICATIONS</b>	
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
<b>ENVIRONMENTAL</b>	
Operating temperature	0 to 40 °C
Storage temperature	-20 to 60 °C
Relative humidity	10 % to 80 %
<b>MINIMUM SYSTEM REQUIREMENTS FOR REPORTING SOFTWARE</b>	
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 Universal bag

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](http://itnetworks.softing.com/contact)

Available here: