

	WireXpert 500	WireXpert 500 PLUS	WireXpert 4500	Competitors best product I	Competitors best product II
Technical Data					
Dimensions, unit including adaptors in cm	22 x 11 x 7	22 x 11 x 7	22 x 11 x 7	30 x 13,5 x 6,7	25,4 x 12,7 x 5,3
Adaptors within housing shape	✓	✓	✓	X	X
Weight in kg	1,05	1,05	1,05	1,45	1,2
Kickstand	✓	✓	✓	X	✓
Drop height	1,5 m	1,5 m	1,5 m	1 m	?
Cloud Connectivity	✓	✓	✓	✓	✓
Talkset	✓	✓	✓	✓	✓
Frequency Range	500 MHz	500 MHz	2.500 MHz	2.000 MHz	1.000 MHz
Upgrade to 2,5 GHz	✓	✓	2.500 MHz already included	not possible, only 2.000 MHz	X
Operating with power supply only (no battery)	✓	✓	✓	✓	✓
Calibration period	1Y	1Y	1Y	1Y	1Y
Firmware update via USB Stick	✓	✓	✓	✓	✓
IEC61935-1 Level IIIe Accuracy 500 MHz	✓	✓	✓	✓	✓
IEC61935-1 Level IV Accuracy 600 MHz	X	X	✓	✓	✓
IEC61935-1 Level V Accuracy 1.000 MHz	X	X	✓	✓	X
IEC61935-1 Level VI Accuracy (draft) 2.000 MHz	X	X	✓	✓	X
Screen					
Local / Full Size Screen on Remote (DCS)	✓	✓	✓	X	X
Size	5" / 5"	5" / 5"	5" / 5"	5,7" / no Display	4,3" / no Display
Control from PC	✓	✓	✓	X	X
Touchscreen	✓	✓	✓	✓	X
Full QWERTY Keyboard	✓	✓	✓	✓	X
Features					
Total number of test results	6.000	6.000	6.000	12.000	1.700
Quick Setup	✓	✓	✓	X	X
Tests besides the regular Autotest parameters					
Fault-Locator	✓	✓	✓	✓	✓
AC-Wiremap	✓	✓	✓	✓	X
Optional Accessories					
Fiber Video Microscope	(Licence Upgrade)	✓	✓	✓	X
Bare Wire Adaptor for laboratory fixtures	✓	✓	✓	✓	X
Coaxial Adaptor (SMA)	✓	✓	✓	✓	X
M12 D-Coded Adaptor	✓	✓	✓	✓	✓
M12 X-Coded Adaptor	✓	✓	✓	✓	X
RJ45 E2E Adaptor up to CAT6A	✓	✓	✓	✓	✓
MM EF comp. Fiber Optic Tier 1 Set, 850nm, 1.300nm	(Licence Upgrade)	✓	✓	✓	✓
SM Fiber Optic Tier 1 Set, 1.310nm, 1.550nm	(Licence Upgrade)	✓	✓	✓	✓
MPO Adaptor	(Licence Upgrade)	✓	✓	X	X
Test export via					
USB-cable	✓	✓	✓	✓	✓
USB-Stick	✓	✓	✓	✓	✓
List based testing	✓	✓	✓	✓	X
Languages					
	17	17	17	12	14

The WireXpert Series

WireXpert Series

From now on, you have the choice between three WireXpert 500 variants to find the version that fits best to your field of work: Softing IT Networks offers a CAT 6A/Class E_A copper certification tester, a fiber-only certification tester or a combined CAT 6A/Class E_A copper and fiber certification tester. All models can be upgraded, eliminating the need to buy a new certification tester when your requirements change. The WireXpert 4500 premium model supports certifications up to 2500 MHz based on the latest CAT 8, Class I & II draft standard.

WireXpert 500

Certifies copper cabling up to 500 MHz compliant with the applicable CAT 5e/Class D, CAT 6/Class E, CAT 6A/Class EA standards. In addition to building cabling, Industrial Ethernet RJ45 and M12 D-coded and X-coded cabling systems, coaxial cabling and patch cords can be measured. The certifier exceeds the Level IIIe accuracy requirements defined by ISO and TIA and displays the test results within seconds due to extremely short measuring times with the integrated autotest feature. Also available as a fiber version.

WireXpert 500plus

Is the technologically advanced combination model for copper testing up to 500 MHz according to the standards' CAT 5e/Class D, CAT 6 /Class E, CAT 6A/Class EA requirements and for fiber optic multimode and singlemode testing (850/1300 nm and 1310/1550 nm). WireXpert 4500 and WireXpert 500-PLUS are the only certification testers that support test requirements of data centers, of building cabling and Industrial Ethernet. WireXpert 500-PLUS is compatible with all adapters and can be upgraded to 2500 MHz in support of CAT 8, Class I & II measurements.

WireXpert 4500

Enables certification of the highest performance cabling systems in enterprise networks or data centers. An extremely fast measurement technology and an intuitive device operation ensure highly accurate and fast certification measurements. WireXpert 4500 is the only cable certifier of its class that is able and ready today to perform certification testing in compliance with cabling standards such as CAT 8 and ISO Class I & II.