Wire**X**pert 500

WX500-CU-2fer

CU

2fer kit

Looking to expand your cable certifier fleet, but your current vendor is overpriced?

What if you could try WireXpert, and get 2 Ethernet cable certifier kits for the price of 1 from others?

WireXpert is a Global TIA certifier, ETL tested, and set apart by including a powerful processor in every tester; no blind testers, and you get 2 WireXpert kits for the price of 1 from others.

The processor in every tester is the project difference maker when certifying cables.

The processor enables graphic displays at both ends of the cable to facilitate on-the-job troubleshooting and maximize project efficiency.

The processor enables 4 certifiers to be linked together for large projects. You can have a team of 3 certifiers roaming the building linked to 1 certifier at the MDF (main distribution frame). You can't do that with a blind remote.

With processors in each cable tester, the WireXpert is firmware upgradeable making it more future proof than other's, that is, less susceptible to constant obsolescence.

Try the 2fer kit. You'll miss nothing from you existing cable certifier. It's the most affordable and most powerful certification kit on the market.

FEATURES

- Powerful certifiers with processors in every tester
- 4 certifiers, 4 displays, 4 processors for the price of 1 kit from others
- Can be linked together so a team of 4 can certify large projects with more efficiency
- Displays in every tester means better certification efficiency for smaller projects when testing alone
- Displays at both ends of the cable makes troubleshooting at the far end easier
- Certifies Ethernet cable to global TIA standards to CAT 6A and optionally up to CAT 8
- Approved for use by over 30 cable manufacturers to enable warranty after cable installation

WX500-CU-2fer
2 WireXpert 500 Certifier Kits

IT Networks

Parameters	Specification
COPPER TESTING	
Certification testing	TIA 568-D.2 CAT 5e, 6, 6A, CAT 8, 1005A, MPTL ISO/IEC 11801 series, EN 50173 Class D, E, E_A, F, F_A Class I and Class II Permanent link and channel CAT 5e, 6, 6A, 7, 7_A, and optional CAT 8 and patch-cords
Max cable length for dual-ended Autotest	500m
Insertion cycles	Channel: 10,000 typical, Permanent link: 5,000 typical
TEST PARAMETERS	As specified in TIA 1152A, IEC 61935-1
Wiremap	TIA 568A and 568B, crossover variants
Loop Resistance	0 to 40Ω, ±0.1Ω
Length	0 to 500m, ±0.5m (dual-ended testing)
Propagation Delay and Delay Skew	0 to 5000ns, ±1ns
Attenuation	0 to 70dB, ±0.1dB
Pair-to-Pair and Power-Sum NEXT	0 to 85dB, ±0.2dB
Pair-to-Pair and Power-Sum ACRF	0 to 85dB, ±0.2dB
Return Loss	0 to 40dB, ±0.2dB
ACRN, PSACRN	0 to 85 dB, ±0.5dB
Advanced diagnostics	Time-domain fault Locator for RL and NEXT
Measurement accuracy	Exceeds TIA 1152A Level IIIe, 2G, IEC 61935 Level VI, V, IV, IIIe
Measurement frequency range	1 - 2,500 MHz
FIBER TESTING – SM, Optional	
Wavelengths	1310nm, 1550nm
Autotest time	6 seconds
Connector type	SC, LC (optional adapter needed)
Test standard	TIA-568-D.3, IEC 14763-3
TEST PARAMETERS	
Loss	0 to 24dB, ±0.2dB
Length	0 to 20,000m, ±1.5m plus ±1.5% of length
Output power	≥ -9dBm
Receiver sensitivity	-40dBm
FIBER TESTING – MMEF, Optional	
Wavelengths	850nm, 1300nm
Autotest time	bidirectional test in 6 seconds
Connector type	SC, FC-SC
Test standard	TIA-568-D.3, IEC 14763-3
TEST PARAMETERS	
Loss	0 to 12dB, ±0.2dB
Length	0 to 2,000m, ±1.5m plus ±1.5% of length
Dynamic range	12dB
Output power	≥-22dBm
Receiver sensitivity	-40dBm
Encircled-Flux (EF) compliance	IEC 61280-4-1, IEC 14763-3
VFL wavelength	650nm
VFL power	0dBm (typical)
GENERAL SPECIFICATIONS	
Interfaces	Probe Interface, RJ-45 Ethernet, USB host and device, talkset, power jack
Display	5" industrial LCD, touch sensitive area on both units
Enclosure	Ruggedized plastic with rubber over-mold, withstands 1.5m drop test on hard surface
Remote unit abilities	View test results, save tests, start autotest
Power supply	AC 100-240V to 12V, 3A power adapter
Input over-voltage protection	Protected against Telco voltages
Battery	Removable and rechargeable Li-Ion
Battery capacity	>8 hours continuous operation
Internal storage capacity	2000 copper test results with full plot information
External storage	USB Flash Drive
Dimensions	232 x 126 x 87 mm (8.7 x 4.3 x 2.1 inch)
Weight	Approx. 1.4 kg (3lb)/unit
Supported languages	tw, cs, en, fi, fr, de, it, ja, ko, pl, pt, ru, es, sv, tr
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 8/10, 32 or 64 bits	Intel Core i3, 2.4GHz and higher
200MB of free disk space	1GB RAM
Microsoft.NET Framework 4.0	

ORDERING INFORMATION

Article number	WX500-CU-2fer

WireXpert 500

Contains:

4 identical devices (Local and Remote) with
  Dual Control System – DCS™
4 Li-Ion batteries
4 power supplies
1 calibration certificate
1 eXport reporting software
4 Cat 6A/Class E_A Channel adapters
4 Cat 6A/Class E_A Permanent Link adapters
  with measurement cable
4 talksets, 1 USB-Stick
1 quick start guide
2 soft carrying case

Accessory kits for CAT 7 and CAT 8 reference cables and adapters and license sold separately.

You can find additional product bundles and current offers on our website, or contact us:

itnetworks.softing.com/us/contact

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