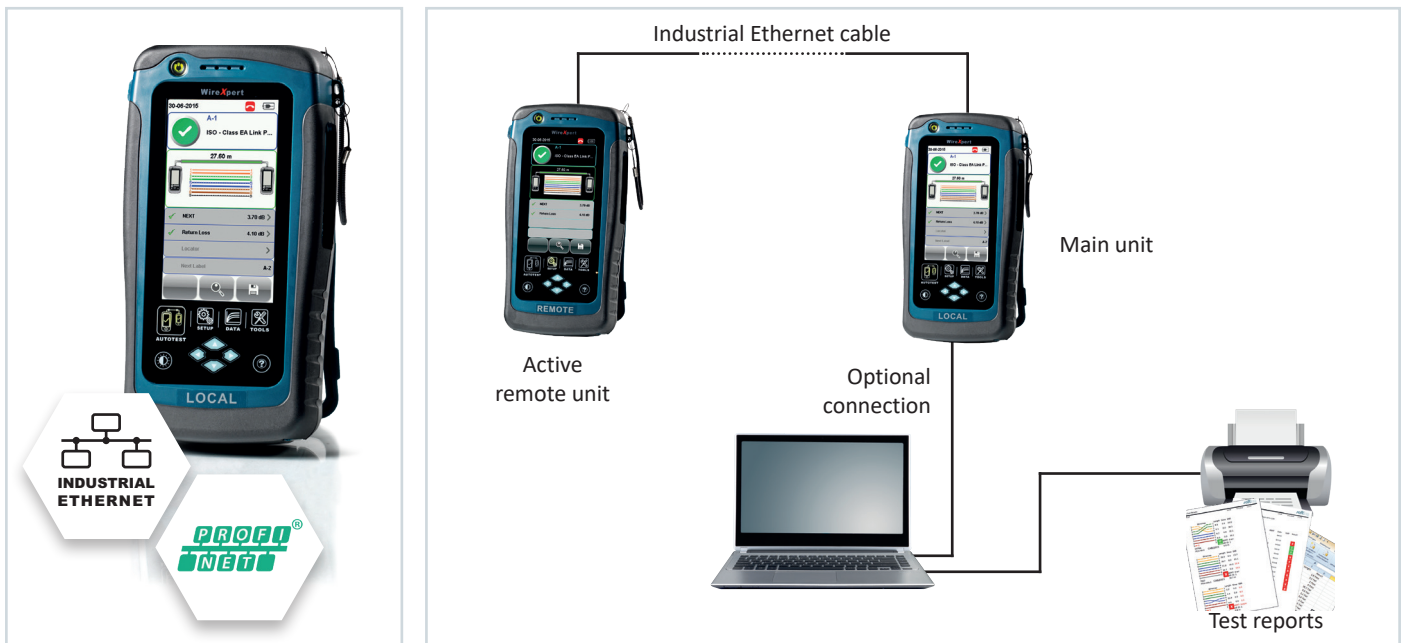


WireXpert Industrial Ethernet

Industrial Ethernet Cable Certifier

- Certification of Industrial Ethernet network cabling in the frequency range up to 500 MHz
- Support of the most widely used industrial connector types
- User-friendly operation via the large touchscreen
- Comprehensive documentation using the PC software eXport



Certification of Passive Network Components

- Support of 4-wire industrial network cables
- Certification according to industry standards – Class D / E / EA and Category 5e / 6 / 6A
- Meets precision requirements according to TIA and ISO Level IIIe
- Measurement according to end-to-end link method

Made for Industrial Use

- Solid housing for safe use in everyday tasks
- Testing of Industrial Ethernet with RJ45 and M12 connectivity, E2E connection tests

Easy to use

- Touch-sensitive 6-inch industrial LCD display on main unit and active remote station
- Start of measurement by tapping once
- Bypassing time-consuming distances by using the active remote station

Detailed documentation of the measurements

- Optional professional reports created by eXport PC software

WireXpert Industrial Ethernet

Technical Data	
Certification Testing	TIA 568-C.2 CAT 5e, 6, 6A; ISO/IEC 11801, EN 50173 Class D, E, EA; CAT 5e, 6 and 6A patch cable
Autotest Time – CAT 6A	9 s
Max. Cable Length for Dual-Ended Autotest	500 m
Insertion Cycles	Channel: 10,000 typical, Permanent Link: 5,000 typical
Test Parameters	As specified in TIA 1152, IEC 61935-1
Wire Map	<ul style="list-style-type: none">Loop Resistance 0 Ω ... 40 Ω, $\pm 0.1 \Omega$Length 0 m ... 500 m, ± 0.5 m (dual-ended testing)Propagation Delay and Delay Skew 0 ns ... 5,000 ns, ± 1 nsAttenuation 0 dB ... 70 dB, ± 0.1 dBPair-to-Pair and Power Sum NEXT 0 dB ... 85 dB, ± 0.2 dBReturn Loss 0 dB ... 40 dB, ± 0.2 dBACRN, PSACRN 0 dB ... 85 dB, ± 0.5 dBAdvanced Diagnostics Time-domain fault locator for RL and NEXTMeasurement Accuracy Exceeds TIA 1152 and IEC61935-1 Level IIIeMeasurement Frequency Range 1 MHz ... 500 MHz
Display	6" industrial LCD, touch-sensitive area on main unit and active remote unit
Enclosure	Ruggedized plastic with rubber covering, withstands 1.5 m drop test on hard surface
Power Supply	3 A power adapter, 100 VAC ... 240 VAC to 12 V
Battery	Removable and rechargeable Li-ion battery, > 8 h of continuous operation
Dimensions	232 mm X 126 mm X 87 mm
Weight	Approximately 1.4 kg / unit
Temperature	Operating temperature: 0 °C ... 40 °C, storage temperature: -20 °C ... 60 °C
Relative Humidity	10 % ... 80 %
Calibration Period	1 year
Supported Languages	Chinese, Czech, English, Finnish, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Swedish, Turkish

Scope of Delivery	
Hardware	WireXpert IE Local device, WireXpert IE remote device, 2x E2E adaptor with TERA interface for industrial ethernet and Profinet tests, 2x E2E measuring cable TERA to Harting preLink®, 2x RJ45 CAT6 preLink® socket HIFF format without terminal block, 1x reference cable and 2x Channel Adapter, Patch cable and Adapter, bag and nylon cover

Order Numbers	
DDA-JJ-004111	WireXpert Industrial Ethernet

Additional Products and Services	
DDA-JJ-004179	E2E adaptor with TERA interface for industrial ethernet and Profinet tests
ACA-JJ-004080	Reference cable
ACA-JJ-004150	E2E measuring cable TERA to Harting preLink®
ACA-JJ-004162	RJ45 CAT6 preLink® socket HIFF format without terminal block
ACA-JJ-004163	M12 D-coded cable kit contains 2x measuring cable TERA to Harting preLink®, 2x M12 D-coded connector, 2x M12 D-coded socket
ACA-JJ-004164	M12 X-coded cable kit contains 2x measuring cable TERA to Harting preLink®, 2x M12 X-coded connector, 2x M12 X-coded socket
TRA-PN-CERTINST	Training: PROFINET Acceptance and Commissioning
TRA-PN-CERTENG	Training: PROFINET Technology graduated as Certified PROFINET Engineer
TRA-PN-TOOLS	On-site training: PROFINET tools

<http://industrial.softing.com>



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