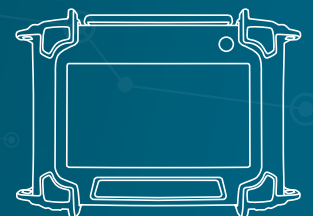
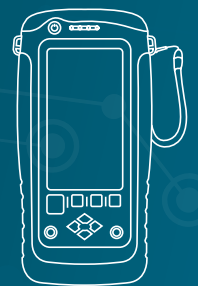




# INDUSTRIAL ACCESSORIES CATALOG

for WireXpert and NetXpert XG/XG2 series



Copper



Fiber optic



Ethernet



Wi-Fi

## WireXpert series

A certifier for all applications

The choice is yours. Get on board with one of the WireXpert 500 variants at a reasonable price and choose the version that best suits your field of activity. Certify up to 500MHz with the Cat 6A copper certifier (WireXpert 500) or the fiber-only certifier (WireXpert 500 Fiber-only) or with the combination of Cat 6A copper & fiber certifier in one device (WireXpert 500-PLUS).

All models can be upgraded, eliminating the need to buy a new device. An upgrade to 2500MHz is also possible. Or you can start directly with our premium model: The WireXpert 4500 enables copper and fiber optic certifications up to 2500MHz based on the Cat 8, Class I & II standards.



# WireXpert

## NetXpert XG/XG2 series

Performance tester up to 10Gb/s for all Ethernet applications



High data transmission rates of up to 10Gb/s Ethernet and new Power-over-Ethernet applications up to 90W lead to completely new challenges in structured cabling.

NetXpert XG2 provides comprehensive active and passive network testing up to 10Gb/s for qualification, commissioning and troubleshooting on copper and fiber cabling.

With the largest touch display in its class, NetXpert XG2 guarantees easy operation and clear presentation of results.

At the same time, NetXpert XG2 offers the highest reliability of results thanks to the unique combination of up to four different test methods for the evaluation of a data link.

# NetXpert XG

# NETXPERT XG2

# CONNECTION TYPE for NetXpert XG and XG2 series



Article No. 226630



Article No. 228154



Article No. 228162



Article No. 228159



Article No. 228160



Article No. 228155



Article No. 228157



Article No. 228156



Article No. 228158



Article No. 228293

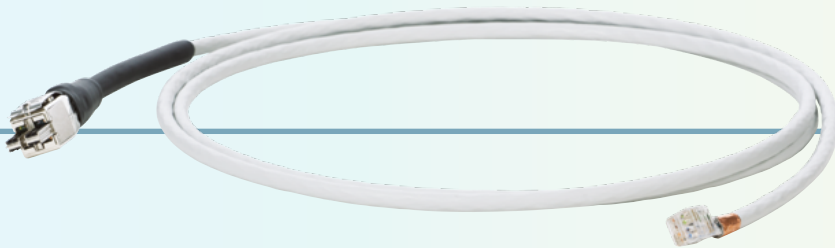


# CONNECTION TYPE for WireXpert series

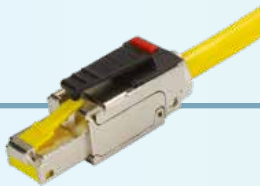
Article No. 228179



Article No. 228153



Article No. 228154



Article No. 228162



Article No. 228159



Article No. 228160



Article No. 228155



Article No. 228157



Article No. 228156



Article No. 228158



Article No. 228293





# TEST CORD KITS for WireXpert series

The test cord kits always contain a reference cord and two TERA to preLink® test cords (2m) and the respective measurement heads.

## ▶ Article No. 228163 M12 D-coded

The M12 D-coded test cord kit contains all test cords required to measure M12 D-coded systems with plugs or jacks.



## ▶ Article No. 228164 M12 X-coded

The M12 X-coded test cord kit contains all test cords required to measure M12 X-coded systems with plugs or jacks.



▶ **Article No. 228165 RJ45 V14**

The RJ45 V14 test cord kit contains all test cords required to measure RJ45 cabling systems with jacks.



▶ **Article No. 228166 RJ45 HIFF**

The RJ45 HIFF test cord kit contains all test cords required to measure RJ45 HIFF systems with jacks.



# preLink® System

## for M12 and RJ45 End-to-End Cabling Links

The Harting preLink® system allows for a quick and easy adaptation of the most various connector systems for Industrial Ethernet applications such as Profinet to the Softing test and measurement device.

Article number	Product Description
228179	End-to-End (E2E) adapter <b>for WireXpert series</b> with TERA interface for testing Industrial Ethernet cabling such as Profinet (1 pc)
228153	E2E test cord <b>for WireXpert series</b> TERA to Harting preLink® system (1 pc)
228080	CAT 7A/Class F <sub>A</sub> reference cord (2 m) <b>for WireXpert series</b> with TERA interface for reference setting (1 pc)
226630	E2E measuring cable RJ45 to Harting preLink® system (1 pc) <b>for NetXpert series</b>
228154	Interchangeable RJ45 plug for Harting preLink® CAT 6 <sub>A</sub> /Class E <sub>A</sub> system, IP20 (1 pc)
228155	M12 D-coded plug for Harting preLink® CAT 5/Class D system (1 pc)
228156	M12 X-coded plug for Harting preLink® CAT 6 <sub>A</sub> /Class E <sub>A</sub> system (1 pc)
228157	M12 D-coded jack for Harting preLink® CAT 5/Class D system (1 pc)
228158	M12 X-coded jack for Harting preLink® CAT 6 <sub>A</sub> /Class E <sub>A</sub> system (1 pc)
228159	Interchangeable V14 push-pull RJ45 plug for Harting preLink® system (1 pc)
228160	Interchangeable Han® 3 A RJ45 plug for Harting preLink® system (1 pc)
228161	Release tool for Harting preLink® systems (5 pcs)
228162	preLink® RJ45 jack with CAT 6, HIFF-format for Harting preLink® system, without cable termination block (1 pc)
228293	IX socket for Harting preLink® system CAT 6A (1 pc), incl. housing
228171	Pouch for WireXpert accessories. Compartments for 2 WireXpert adapters, small parts and test cords
228172	1 x test cord (2m) with TERA and RJ45 jack for measurements on E2E and Profinet links with RJ45 plugs, consisting of 1 x <228153>, 1 x <228162>
228173	1 x test cord (2m) <b>for WireXpert series</b> with TERA and M12 D-coded jack for measurements on E2E and Profinet links with M12 D-coded plugs
228174	1 x test cord (2m) <b>for WireXpert series</b> with TERA and M12 D-coded plugs for measurements on E2E and Profinet links with M12 D-coded jacks
228175	1 x test cord (2m) <b>for WireXpert series</b> with TERA and M12 X-coded jack for measurements on E2E and Profinet links with M12 X-coded plugs
228176	1 x test cord (2m) <b>für die WireXpert-Serie</b> with TERA and M12 X-coded connector for measurements on E2E and Profinet links with M12 X-coded jacks
228163	M12 D-coded test cord kit <b>for WireXpert series</b> contains 1 x <228080> reference cord, 2 x <228153> test cord TERA to Harting preLink®, 2 x <228155> M12 D-coded connector, 2 x <228157> M12 D-coded jack.*
228164	M12 X-coded test cord kit <b>for WireXpert series</b> , contains 1 x <228080> reference cord, 2 x <228153> test cord TERA to Harting preLink®, 2 x <228156> M12 X-coded connector, 2 x M12 <228158> X-coded jack*
228165	Harting RJ45 HAN® 3 A test cord kit <b>for WireXpert series</b> , contains 1 x <228080> reference cord, 2 x <228153> test cord TERA to Harting preLink®, 2 x HAN® 3 A connector.*
228166	Harting RJ45 V14 test cord kit <b>for WireXpert series</b> , contains 1 x <228080> reference cord, 2 x <228153> test cord TERA to Harting preLink®, 2 x <228159> RJ45 V14 push-pull connector.*

\* Please note: Set does not contain WireXpert E2E adapters

# ADDITIONAL TEST CORDS for WireXpert series

The products described on this page consist of test cords with measurement heads that are not interchangeable.

Article number	Product Description
228177	<b>M8 test cord kit</b> contains 1 x <228080> reference cord, 2 x <228169> test cord TERA to M8 D-coded jack*
228178	<b>Harting IX test cord kit</b> contains 1 x <228080> reference cord, 2 x <228170> test cord TERA to Harting IX jack*
228169	1 x test cord (2m) with TERA and M8 jack for measurements on E2E links with M8 D-coded plugs
228170	1 x test cord (2m) with TERA and IX jack for measurements on E2E links with IX plugs

\* Please note: Set does not contain WireXpert E2E adapters

## ▶ Article No. 228177



## ▶ Article No. 228178





WireXpert

# Areas of application

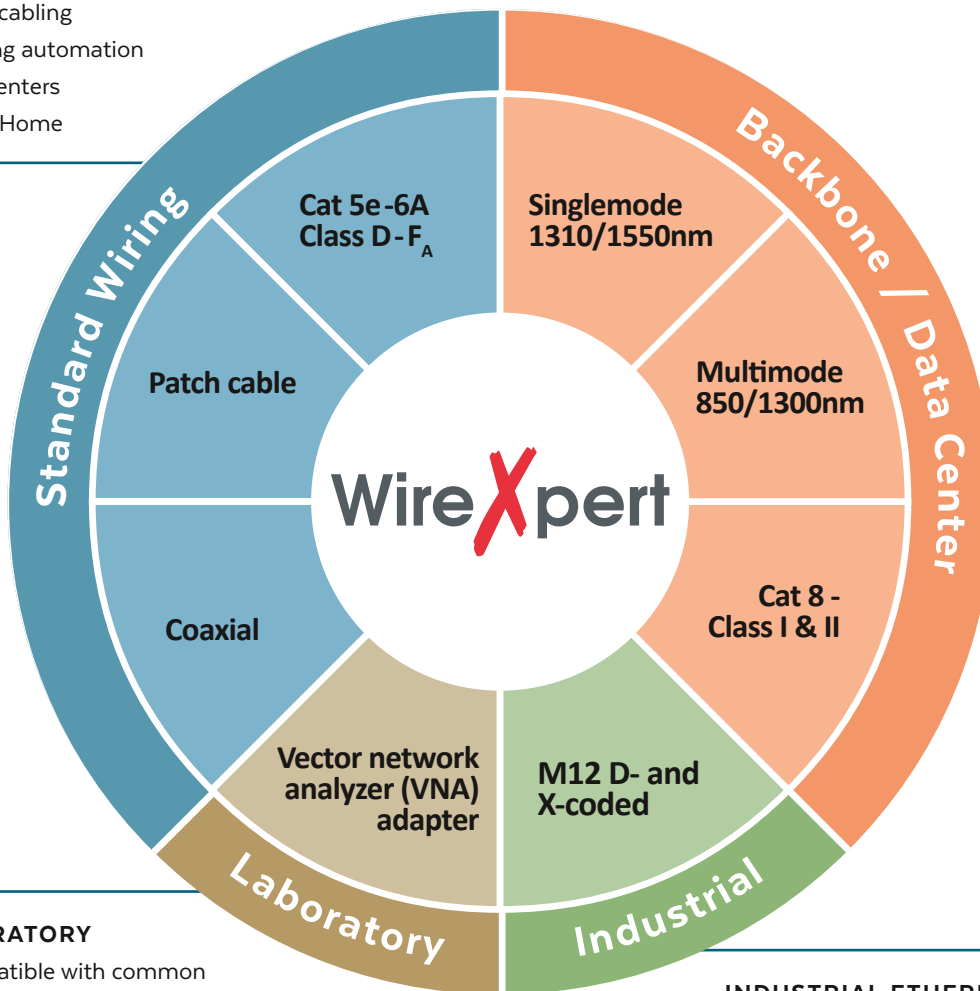
The WireXpert series is a product family of extremely versatile cable certifiers, which makes it possible to certify cabling systems with the highest demands.

The devices of the WireXpert series are versatile and suitable for use in office environments, industrial environments, laboratories and data centers.



**PREMISE WIRING**

- Office cabling
- Building automation
- Data centers
- Smart Home



**BACKBONE**

Multimode and singlemode links in LAN and campus networks

**DATA CENTER**

Connections for highest transmission speeds

**LABORATORY**

- Compatible with common interfaces for rapid tests
- Portable addition to the laboratory instrument

**INDUSTRIAL ETHERNET CABLING**

Special cabling for production and conveyor systems, robotics, outdoor wind turbines, cranes, trains, etc.

# Areas of application

Whether troubleshooting, maintenance or servicing, the NetXpert XG2 performance tester is the optimal device for all network testing applications used by installers, system integrators and industry partners.

## ACCEPTANCE AND MAINTENANCE

For the acceptance and routine testing of a network or for the pure control of function and performance, one qualifier is often sufficient.



## MEASUREMENT OF MAXIMUM BANDWIDTH

The fact that a cabling is capable of executing higher data rates cannot automatically be judged on the basis of an intact wiremap.

Quickly and easily check with NetXpert XG2 whether higher data rates are supported, e.g. to upgrade to WiFi 6 access points or 10 Gb/s.

## MAINTENANCE AND NETWORK TESTING

System integrators and IT administrators need to ensure that when changes are made to the network, it remains functional.

## TROUBLESHOOTING IN THE INDUSTRY

On an industrial production line, high switching voltage spikes cause electro-magnetic interference, resulting in random network problems. The NetXpert XG2 helps to find the problem with long-term BERT (up to 10Gb/s) and determination of the signal-to-noise ratio (SNR).

## TROUBLESHOOTING IN THE OFFICE

IT administrators and technicians in offices and public facilities need a tool to determine why a PC and network connection is not working. This requires both passive and active network test functions to determine connectivity problems. The NetXpert XG2 combines this in one handy test device.

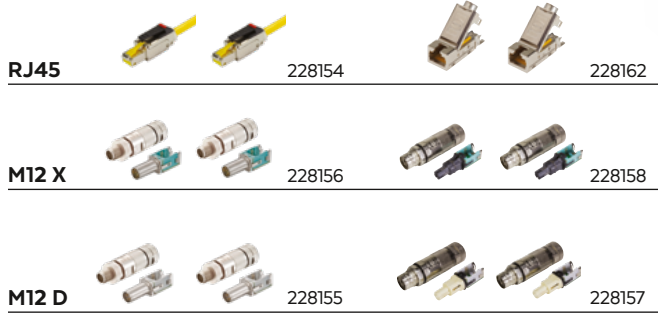
# Industrial Kits

## Complete and expansion kits

### WireXpert 500 – Industrial Kit

Article number 228335

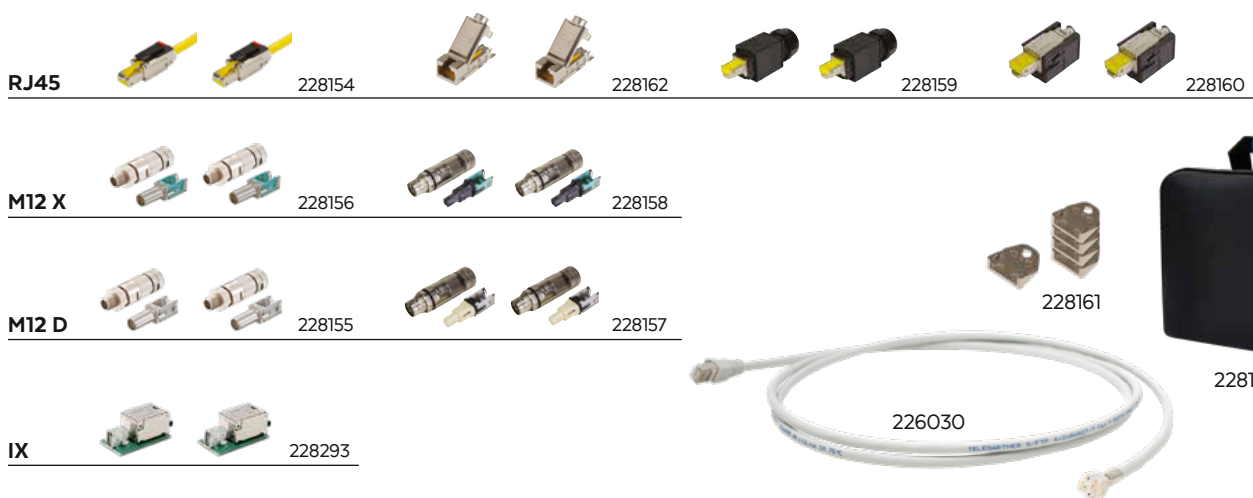
The WireXpert 500 measurement solution for Industrial Ethernet cabling is suitable for measurements in the channel and permanent link configuration as well as for E2E links with Industrial Ethernet connection technology. The Industrial Kit includes M12 D-coded and M12 X-coded interfaces, as well as RJ45 interfaces, which allow 10 Gigabit-capable Industrial Ethernet cabling to be measured efficiently. *(Please order E2E adapters separately)*



### NetXpert Industrial Adapter PRO Kit

Article number 226747

NetXpert Industrial Adapter PRO Kit - contains the complete industrial accessories for RJ45, M12-D and M12-X.



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