

# NETXPERT XG2plus



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

The NetXpert XG2-PLUS combination model offers comprehensive active and passive network testing up to 10Gb/s on copper and fiber cabling, for installation, commissioning and troubleshooting. The unique combination of four measurement methods ensures highest reliability of the results is achieved.

For the qualification of copper links, one main and one end device are used. The qualification of fiber optic links requires two main devices.



MODEL	Active network tests				Passive qualification		
	1 Gb/s	2.5/5 Gb/s	10 Gb/s	WLAN	1 Gb/s	2.5/5 Gb/s	10 Gb/s
XG2-PLUS Article number: 226735	CU FO	CU	CU FO	Wi-Fi	CU FO	CU	CU FO

CU Copper    
 FO Fiber Optic (1 Gb/s and 10Gb/s via SPF ports)    
 Wi-Fi Wi-Fi



### SCOPE OF DELIVERY

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| 2 NetXpert XG2 main devices           | 2 OS2 LC-Duplex singlemode test cable |
| 1 Active Remote                       | 1 Copper and 2 fiber optic couplings  |
| 3 Power supply                        | 1 Hard-shell case                     |
| 2 RJ45 Cat 6A test cables, shielded   | 1 Quick start guide                   |
| 2 OM4 LC-Duplex multimode test cables | 2 Upgrade licenses per main device    |

(Please order SFP modules separately)

## OPTIONAL ACCESSORIES

### Extension kits

- 226538 Remote Kit – single NetXpert XG2 Active Remote for copper qualification

### Warranty extension

- 229888 NetXpert XG2 series warranty extension from 12 months to 36 months

### Fiber optic accessories

- 400986 SFP+ Module, Singlemode, 10GBASE-LR/LW  
400985 SFP+ Module, Multimode, 10GBASE-SR/SW  
400982 SFP Module, Singlemode, 1000BASE-LX  
400984 SFP Module, Multimode, 1000BASE-SX

### General accessories

- 226581 RJ45 Remote Identifier Set (24 pcs, #1 - #24)  
226745 2 x RJ45 exchange socket XG2 for main and remote device  
226528 Link/Cable Identifier Set (8 pcs, #1 - #8)  
226539 Fiber optic microscope for inspection of connector end faces

### Industrial accessories

- 226630 E2E measuring cable RJ45 to Harting preLink® system (1 pc)  
228154 RJ45 interchangeable plug for Harting preLink® system, IP20 CAT 6<sub>A</sub> (1 pc)  
228155 M12 D-coded plug for Harting preLink® system CAT 5 (1 pc)  
228156 M12 X-coded plug for Harting preLink® system CAT 6<sub>A</sub> (1 pc)  
228157 M12 D-coded socket for Harting preLink® system CAT 5 (1 pc)  
228158 M12 X-coded socket for Harting preLink® system CAT 6<sub>A</sub> (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)  
228293 IX socket for Harting preLink® system CAT 6<sub>A</sub> (1 pc), incl. housing  
228161 Opener for Harting preLink® system (5 pcs)  
228162 RJ45 CAT 6 pre link jack HIFF format for Harting preLink® system, (1 pc)  
228171 Soft bag for NetXpert accessories  
226747 NetXpert Industrial Adapter PRO-Kit – contains the complete industrial accessories for RJ45, M12D and M12X

## SPECIFICATIONS - ALL MODELS

Copper Interface	1 x Cat 6 <sub>A</sub> RJ45, interchangeable
Fiber Interface	2 x SFP slot 1-10Gb/s (please order SFP modules separately)
Length Measurement Technology	Time-Domain Reflectometry (TDR) and capacitance
Cable Testing and ID	Up to 1000ft (305m) - Split Pair Detection: 3ft (1m) to 1000ft (305m) - Length Measurement: 0 to 1500ft (457m), ± (5%+1ft (30cm)) - Distance to fault: 0 to 656ft (200m) ± (5% + 3ft (1m)) - Supports 8 wiremap remotes (RJ 45) and 24 RJ45 ID only remotes
Power over Ethernet (PoE)	Test supports IEEE 802.3af PoE (Type 1, max 15.4W), IEEE 802.3at PoE+ (Type 2, 30W) and 802.3bt PoE++ (Type 4, 90W)
Maximum Voltages	Maximum voltage that can be applied to any 2 connector pins without causing damage to the tester: RJ45: 60VDC or 50VAC
Storage Capacity	Stores an unlimited number of cable tests per projects with user defined names
Tone Generation	Tone Frequencies: 730Hz and 1440Hz
Languages	English, German, French, Spanish, Italian
Battery	Li-Ion, 7.2 VDC, 10.05A-hr / up to 4hrs (typical)
External Power Supply	12VDC
Temperature	Operating: 14 to 140°F (-10 to 60°C) Storage: -22 to 158°F (-30 to 70°)
Humidity	10 to 90% non-condensing
Enclosure	Injection molded plastic
Display	7" Color TFT-LCD capacitive touch display, 1024 x 600 resolution (WSVGA)
Size	245 x 177 x 83mm (Main unit) 130 x 177 x 55mm (Active Remote)
Weight with Battery	1.3kg (main unit) 0.6kg (Active Remote)

### HEADQUARTERS

Softing IT Networks GmbH  
Richard-Reitzner-Allee 6  
85540 Haar  
Germany  
☎ +49 89 45 656 660  
✉ info.itnetworks@softing.com

Find your local distributor:  
[itnetworks.softing.com/contact](http://itnetworks.softing.com/contact)

Available here:



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