

NETXPERT XG2



Performance tester from 1 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. 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.



MODEL	Active network tests				Passive qualification		
	1Gb/s	2.5/5Gb/s	10Gb/s	Wi-Fi	1Gb/s	2.5/5Gb/s	10Gb/s
XG2 - 1G Article number: 226737	CU FO			Wi-Fi	CU		
XG2 - 2,5/5G Article number: 226739	CU FO	CU		Wi-Fi	CU	CU	
XG2 - 10G Article number: 226736	CU FO	CU	CU FO	Wi-Fi	CU	CU	CU

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



STANDARD SCOPE OF DELIVERY

- 1 NetXpert XG2 main unit
- 1 Active Remote
- 2 Power supply
- 2 RJ45 Cat 6A test cables, shielded
- 1 Hard-shell case
- 1 Quick start guide

OPTIONAL ACCESSORIES

Upgrades

- 226555 Upgrade license for NetXpert XG2 for one level at a time

Extension kits

- 226738 NetXpert XG2 – Fiber Extension Kit – turns an XG2 – 10G into an XG2-PLUS
- 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 6A (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 6A (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 6A (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 6A (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

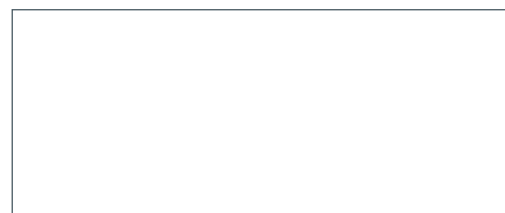
Copper Interface	1 x Cat 6A RJ45, interchangeable
Fiber Interface	2 x SFP slot 1 – 10Gb/s (please order SFP modules separately)
Length Measurement Technology	Time-Domain Reflectometry (TDR) and capacitance
Cable Testing and ID	Up to 1000ft (305m) – Split Pair Detection: 3ft (1m) to 1000ft (305m) – Length 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, 6.2A-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 73mm (Main unit) 130 x 177 x 55mm (Active Remote)
Weight with Battery	1.2kg (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

Available here:



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