



Speed
Certification
Cable Testing
Network Testing

Gigabit Cable Qualifier and Network Diagnostic Tool

The NetXpert 1400 is a complete solution for cable qualification and troubleshooting of active networks. Its fast, yet simple verification, checks the capability of cabling links to support Gigabit Ethernet operation

in compliance with the IEEE 802.3ab standard. "Pass/Fail" results indicate if a cable can support data rates up to 1Gbit/s.

- Tests network cabling and coaxial cabling
- Qualifies data cabling for IEEE 802.3 compliance at transmission rates of up to 1Gbit/s (BERT)
- Determines signal-to-noise ratio (SNR)
- Measures delay skew
- Performs full TDR for pair length and distance to fault measurements
- Full-color wire map shows opens, shorts, miswires, and split pairs
- Results can be saved in the tester, and standards-based measurement reports can be generated

Cable Testing and Ethernet Speed Certification

Network Testing and Diagnostics

The NetXpert 1400 verifies that a link can be established to the switch and what connection speeds are supported (up to 1Gbit/s). The Ping-test detects the availability of individual and lists of IPv4 and IPv6 addresses and any user-selectable URLs.

Other available network tests include LLDP/CDP/NDP and VLAN discovery and comprehensive PoE (Power over Ethernet) tests, including a load test.

- Link test up to 1 Gbit/s to identify link capability and link status
- Ping to a single or lists of IPv4 and IPv6 addresses as well as any URL on the internet
- CDP/LLDP/NDP and VLAN discovery
- PoE / PoE+ detection and load test for voltage drop
- DHCP test
- Traceroute
- Switch Port identification by blinking the port LED

Full-color, Easy-to-Use Touch Screen

The touch screen and 4 fixed buttons make the NetXpert 1400 easy-to-use while the high-resolution color screen guarantees excellent readability in any environment. Its ruggedized design is ideally suited for rough environments. The PC-based reporting software allows the generation of detailed test reports and documentation.



Ordering Information

Product	Part	Description	Notes
NetXpert 1400	226522	Network/Cabling-Qualifier; IEEE 802.3ab up to 1Gbit/s	
NetXpert AR104 Active Remote with selectable ID #1-4	226529	AR104 Active Remote with selectable ID #1-4	
NXCM RJ45 to M12 cable	400926	1M cable: RJ45 to D-coded M12 female connector	Typical order quantity 2 for Industrial Ethernet testing
NXCM TT108 #1-8 Network/Tel Testing and ID Remotes	226528	TT108 #1-8 Network/Tel Testing and ID Remotes	
NXCM RK220 #1-20 ID-Only Network Remotes	226517	RK120 #1-20 ID-Only Coax Remotes	
NXCM RK120 #1-20 ID-Only Coax Remotes	226527	RK220 #1-20 ID-Only Network Remotes	