



Copper

	Verifiers				Qualifiers	Certifiers
	CableMaster 210 	CableMaster 500/550 	LinkXpert TP 	LinkXpert M3 	NetXpert XG2/XG2-PLUS 	WireXpert 500/500-PLUS/ 4500/4500-PRO 
Article number	226201	226512 226580 (550)	226103	226104	226735 (PLUS) 226736 (10G) 226739 (2.5/5G) 226737 (1G)	228071 (500) 228144 (500-PLUS) 228070 (4500) 228280 (4500-PRO)
Application			 	   	   	 
TYPICAL AREAS OF APPLICATION						
Checking wiremap						
Network tests						
PoE measurement (Class 0 - Class 8, 15.4W - 90W, according to IEEE)						
Test of the cabling according to IEEE (100Mb/s, 1Gb/s, 2.5Gb/s, 5Gb/s, 10Gb/s)						
Acceptance measurement according to wiring standard ISO/IEC 11801 (international), EN 50173 (Europe), ANSI/TIA 568 (America)						
CABLING TESTS						
Wiring test						
Tone generator						
Length measurement						
Configurable autotest						
Bit error rate test up to 10Gb/s						
Signal-to-noise ratio						
Transit time difference measurement						
RF measurement (NEXT, insertion loss, return loss)						
Measuring frequency up to 2500MHz						 (WireXpert 4500/ Wirexpert 4500-PRO)
NETWORK TESTS						
Ethernet connection			 (up to 1Gb/s)	 (up to 1Gb/s)	 (up to 10Gb/s)	
Ethernet detection			 (up to 1Gb/s)	 (up to 10Gb/s)	 (up to 10Gb/s)	
Configurable autotest (test profiles)						
Network scan (IPv4/IPv6/MAC) with double IP detection						
Activation switch port LED						
DHCP, LLDP/CDP, Ping, Traceroute, VLAN						
802.1x authentication						
DOCUMENTATION						
Test report creation in the device						
PC evaluation software			in preparation	in preparation	in preparation	
Enterprise cloud connectivity						

 inclusive

 optional

 Copper

 Fiber optic

 WiFi

 Ethernet

Best IT network measurement with cutting edge technology



FIBERXPERT
700



WireXpert
Series



FiberXpert
OTDR 5000



NETXPERT
XG2-Series

CERTIFIERS

- › Classical acceptance measurements of networks
- › Assessment against application-neutral standards and norms
- › Variety of measured and calculated measurement parameters as pass/fail basis for CU and FO links
- › Determination of polarity and continuity of fiber optic links



CABLEMASTER
Series



LINKXPERT
Series



VFL 5000

VERIFIERS

- › Basic test of the cabling
- › Determination of polarity and continuity of fiber optic lines
- › PoE++ load test
- › Ethernet network diagnostics

QUALIFIERS

- › Determination of the transmission performance of data links using parameters from the application-related standards
- › Combination of wiring test, signal-to-noise ratio, BERT and delay skew for CU links; BERT, attenuation determination and connector end-face evaluation for fiber optic links provide reliable pass/fail statements

ACCESSORIES



CableProbe CP15



Video microscope

Everything about our measuring instruments for copper cabling:



(itnetworks.softing.com/CU)

You can find more accessories on our website.

IT Networks

itnetworks.softing.com