





 optimize! softing Softing Inc. Tel: +1.865.251.5252 https://itnetworks.softing.com/us/	Verifier	Qualifier + BERT	Tier 2 Fiber Certification	Tier 1 Fiber Certification	Certifier	Certifier
	 LinkXpert M3	 NetXpert XG2 NetXpert XG2Plus	 FiberXpert OTDR 5000	 FiberXpert 700	 WireXpert 500	 WireXpert 4500
Summary	Copper, PoE, Fiber, WiFi wiremapper, Active Network Tester	Copper, Fiber, BERT, PoE, WiFi, Wiremapper, Active Network Tester	Tier 2 certifier, OTDR fiber troubleshooter	Tier 1 Certifier	Copper Cable Certifier to CAT 6A	Copper/fiber cable Tier 1 certifier to CAT 8
Media/Connection Type						
Fiber Single Mode, Multi Mode		through SFP	•	•	•	•
SFP, SFP+		•				
Fiber Scope Ready		•	•		•	•
WIFI	•	•				
Measurements to Standards						
ANSI/TIA 568 (US)			•		•	•
ISO/IEC 11801 (international)			•		•	•
EN 50173 (Europe)					•	•
IEEE 802.3 Ethernet 100Mbit/s		•				
IEEE 802.3 Ethernet 1Gbit/s		•				
IEEE 802.3 Ethernet 5Gbit/s		•				
IEEE 802.3 Ethernet 10Gbit/s		•				
IEEE 802.3 PoE	•	•				
IEEE 802.3 PoE+, POE++	•	•				
Passive Test and Measurement Parameters						
Tier 1 Fiber Certification				•	•	•
Tier 2 Fiber Certification			•			
Fiber length and loss		•		•		
Fiber LiveLight™		•				
Fiber BERT		•				
Active Test Parameters						
DHCP test	•	•				
Ping (single and list)	•	•				
Discovery function (LLDP; CDP; NDP)	•	•				
Port LED Activation	•	•				
VLAN Recognition	•	•				
Trace Route	•	•				
Bit-Error-Rate-Test		•				
Reporting						
Screenshot	•					
Report generation in tester	•	•	•	•		
PC Reporting software			•		•	•
Report format .csv & .xml		•	•		•	•