


optimize! <b>softing</b>	Verifier				Qualifier	Certifier	
	CM200	CM400/450	CM600/650	CM800/850	NetXpert 1400	WireXpert 500	WireXpert 4500
							
Order No.	226504	226501/ 226502	226515/ 226516	226520/ 226521	226533	228071	228070
Application	■	■	■	■	■	■	■ ■
<b>Typical Applications</b>							
Home Cabling	■	■	■	■	■	■	■
Office Cabling	■	■	■	■	■	■	■
Industrial Cabling					■	■	■
Data Center						■	■
<b>Measurements against Generic Standards</b>							
ANSI/TIA 568 (US)						■	■
ISO/IEC 11801 (International)						■	■
EN 50173 (Europe)						■	■
<b>Testing against Application Standards</b>							
IEEE802.3 Fast Ethernet 100Mbit/s Clause 25					■		
IEEE802.3 Gigabit Ethernet 1000Mbit/s Clause 40					■		
IEEE 802.3af PoE 12,95W			■	■	■		
IEEE 802.3at PoE+ 21,9W			■	■	■		
<b>Passive Test and Measurement Parameters</b>							
Wire Map	■	■	■	■	■	■	■
Length		0 / ■	■	■	■	■	■
Tone Generator	■	■	■	■	■		
RF Measurements (NEXT; Insertion Loss, Return Loss, ...)						■	■
Signal-to-Noise-Ratio					■		
Delay Skew					■	■	■
Test frequency						until 500 MHz	until 2.500 MHz
<b>Active Test Parameters</b>							
Ethernet Capability			■	■	■		
DHCP test				■	■		
Ping (single and list)				■	■		
Discovery function (LLDP;CDP;NDP)				■	■		
Port LED Activation			■	■	■		
VLAN Recognition					■		
Trace Route					■		
Bit-Error-Rate Test					■		
<b>Reporting</b>							
Screenshot			■	■			
Report generation already in tester					■		
PC Reporting software						■	■