

|  | Verifier                                                                                   |                                                                                                |                                                                                                |                                                                                                 | Qualifier                                                                                            | Certifier                                                                                            |                                                                                                       |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
|                                                                                  | CM200<br> | CM400/450<br> | CM600/650<br> | CM800/850<br> | NetXpert 1400<br> | WireXpert 500<br> | WireXpert 4500<br> |
| Order No.                                                                        | 226504                                                                                     | 226501/<br>226502                                                                              | 226515/<br>226516                                                                              | 226520/<br>226521                                                                               | 226533                                                                                               | 228071                                                                                               | 228070                                                                                                |
| Application                                                                      |           |               |               |                |                   |                   |                    |
| Typical Applications                                                             |                                                                                            |                                                                                                |                                                                                                |                                                                                                 |                                                                                                      |                                                                                                      |                                                                                                       |
| Home Cabling                                                                     |           |               |               |                |                   |                   |                    |
| Office Cabling                                                                   |           |               |               |                |                   |                   |                    |
| Industrial Cabling                                                               |                                                                                            |                                                                                                |                                                                                                |                                                                                                 |                   |                   |                    |
| Data Center                                                                      |                                                                                            |                                                                                                |                                                                                                |                                                                                                 |                                                                                                      |                   |                    |
| Measurements against Generic Standards                                           |                                                                                            |                                                                                                |                                                                                                |                                                                                                 |                                                                                                      |                                                                                                      |                                                                                                       |
| ANSI/TIA 568 (US)                                                                |                                                                                            |                                                                                                |                                                                                                |                                                                                                 |                                                                                                      |                   |                    |
| ISO/IEC 11801 (International)                                                    |                                                                                            |                                                                                                |                                                                                                |                                                                                                 |                                                                                                      |                   |                    |
| EN 50173 (Europe)                                                                |                                                                                            |                                                                                                |                                                                                                |                                                                                                 |                                                                                                      |                   |                    |
| Testing against Application Standards                                            |                                                                                            |                                                                                                |                                                                                                |                                                                                                 |                                                                                                      |                                                                                                      |                                                                                                       |
| 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                                                          |                                                                                            |                                                                                                |             |              |                 |                                                                                                      |                                                                                                       |
| Passive Test and Measurement Parameters                                          |                                                                                            |                                                                                                |                                                                                                |                                                                                                 |                                                                                                      |                                                                                                      |                                                                                                       |
| 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                                                                                       |
| Active Test Parameters                                                           |                                                                                            |                                                                                                |                                                                                                |                                                                                                 |                                                                                                      |                                                                                                      |                                                                                                       |
| Ethernet Capability                                                              |                                                                                            |                                                                                                |             |              |                 |                                                                                                      |                                                                                                       |
| 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 already in tester                                              |                                                                                            |                                                                                                |                                                                                                |                                                                                                 |                 |                                                                                                      |                                                                                                       |
| PC Reporting software                                                            |                                                                                            |                                                                                                |                                                                                                |                                                                                                 |                                                                                                      |                 |                  |

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