

## Useful Acronyms

The following is a partial list of acronyms often used on our website and knowledgebase material.

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| <b>Acronym</b> | <b>Definition</b>   |
|----------------|---|
| 8802-3         | ISO/IEC 8802-3 (IEEE Std 802.3)   |
| ANEG           | Auto-Negotiation  |
| ANSI           | American National Standards Institute                                     |
| ASIC           | Application-Specific Integrated Circuit                                   |
| ASN.1          | Abstract Syntax Notation one as defined in ISO/IEC 8824: 1990             |
| AUTOX          | Auto Cross  |
| AUI            | Attachment Unit Interface   |
| BER            | Bit Error Ratio   |
| BPE            | Base Page Exchange  |
| BPSK           | Binary Phase Shift Keying   |
| BR             | Bit Rate  |
| BT             | Bit Time  |
| CAT3           | Category-3 Balanced Cable   |
| CAT4           | Category-4 Balanced Cable   |
| CAT5           | Category-5 Balanced Cable   |
| CD0            | Clocked Data Zero   |
| CD1            | Clocked Data One  |
| CMIP           | Common Management Information Protocol as defined in ISO/IEC 9596-1: 1991 |
| CMIS           | Common Management Information Service as defined in ISO/IEC 9595: 1991    |
| CMOS           | Complementary Metal Oxide Semiconductor                                   |
| CRC            | Cyclic Redundancy Check   |
| CRV            | Code Rule Violation   |
| CS0            | Control Signal Zero   |
| CS1            | Control Signal One  |
| CVH            | Clocked Violation High  |
| CVL            | Clocked Violation Low   |
| CW             | Continuous Wave   |
| DA             | Destination Address   |
| DTE            | Data Terminal Equipment   |
| DUT            | Device Under Test   |
| EIA            | Electronic Industries Association.  |
| ELFEXT         | Equal-Level Far-End Crosstalk   |
| EMB            | Effective Modal Bandwidth   |
| EMI            | Electromagnetic Interference  |
| EPD            | End of Packet Delimiter   |
| ESD            | End of Stream Delimiter   |
| FCS            | Frame Check Sequence  |
| FC-PH          | Fiber Channel - Physical and Signaling Interface                          |

|             |   |
|-------------|---|
| FLP         | Fast Link Pulse                                   |
| FOTP        | Fiber Optic Test Procedure                        |
| GMII        | Gigabit Media Independent Interface               |
| IEC         | International Electrotechnical Commission         |
| IEEE        | Institute of Electrical and Electronics Engineers |
| IFG         | Inter-Frame Gap                                   |
| IFSP1       | Inter-Frame Spacing Part 1                        |
| IFSP2       | Inter-Frame Spacing Part 2                        |
| IH          | Intermediate Hub                                  |
| IRL         | Inter-Repeater Link                               |
| ISI penalty | Inter-Symbol Interference Penalty                 |
| ISO         | International Organization for Standardization    |
| LAN         | Local Area Network                                |
| LLC         | Logical Link Control                              |
| LSDV        | Link Segment Delay Value                          |
| LTP         | Link Test Pulse                                   |
| MAC         | Medium Access Control                             |
| MAU         | Medium Attachment Unit                            |
| MC          | Message Code                                      |
| MDELNEXT    | Multiple-Disturber Equal-Level Far-End Crosstalk  |
| MDNEXT      | Multiple-Disturber Far-End Crosstalk              |
| MDI         | Medium Dependent Interface                        |
| MDIO        | Management Data Input/Output                      |
| MDNEXT      | Multiple-Disturber Near-End Crosstalk             |
| MIB         | Management Information Base                       |
| MII         | Media Independent Interface                       |
| MMF         | Multimode Fiber                                   |
| MP          | Message Page                                      |
| NEXT        | Near-End Crosstalk                                |
| NLP         | Normal Link Pulse                                 |
| NP          | Next Page   |
| NPA         | Next Page Algorithm                               |
| NPE         | Next Page Exchange                                |
| NRZI        | Non Return to Zero and Invert on ones             |
| OFL         | Overfilled Launch                                 |
| OFSTP       | Optical Fiber System Test Procedure               |
| PCS         | Physical Coding Sublayer                          |
| PDV         | Path Delay Value                                  |
| PHY         | Physical Layer Entity Sublayer                    |
| PICS        | Protocol Implementation Conformance Statement     |
| PLS         | Physical Signaling Sublayer                       |
| PMA         | Physical Medium Attachment                        |
| PMD         | Physical Medium Dependent                         |
| PMI         | Physical Medium Independent                       |
| PPD         | Peak-to-Peak Differential                         |
| PVV         | Path Variability Value                            |

|      |   |
|------|---|
| RD   | Running Disparity                       |
| RFI  | Radio Frequency Interference            |
| RIN  | Relative Intensity Noise                |
| ROFL | Radial Overfilled Launch                |
| RS   | Reconciliation Sublayer                 |
| SA   | Source Address                          |
| SDV  | Segment Delay Value                     |
| SFD  | Start-of-Frame Delimiter                |
| SMF  | Single Mode Fiber                       |
| SPD  | Start of Packet Delimiter               |
| SR   | Symbol Rate                             |
| SSD  | Start of Stream Delimiter               |
| ST   | Symbol Time                             |
| STE  | Station Management Entity               |
| STP  | Shielded Twisted Pair (Copper)          |
| SVV  | Segment Variability Value               |
| TDR  | Time Domain Reflectometer               |
| TIA  | Telecommunications Industry Association |
| UCT  | Unconditional Transition                |
| UP   | Unformatted Page                        |
| UTP  | Unshielded Twisted Pair                 |
| WCMB | Worst Case Modal Bandwidth              |
| XNP  | Extended Next Page                      |