

FINISAR®

Acronym Reference Guide

- AOC Active Optical Cable
- BER bit error rate
- BIDI bi-directional
- BOA Board-Mounted Optical Assembly
- CATV cable TV (transport)
- CFP optical transceiver form factor used for 40G and 100G
- CML™ chirp managed laser (transmitter)
- CMOS complementary-metal-oxide-semiconductor
- CPRI Common Public Radio Interface (protocol)
- CWDM coarse wavelength division multiplexing
- CXP optical transceiver form factor with 12 electrical channels, each at 10G
- DBR distributed Bragg reflector (laser)
- DFB distributed feedback (laser)
- DPSK differential phase-shift keying
- DQPSK differential quadrature phase-shift keying
- DWDM dense wavelength division multiplexing
- eCPRI enhanced CPRI (protocol)
- eCWDM extended CWDM
- ECOC European Conference for Optical Communication
- EDFA Erbium-doped fiber amplifier
- EDR enhanced data rate
- EMI electromagnetic interference
- EML Electro-absorption modulated laser
- EPON Ethernet Passive Optical Network
- ER extended reach
- eSR extended short reach
- eSWDM extended SDWM
- FC Fibre Channel (protocol)
- FCoE Fibre Channel over Ethernet (protocol)
- FDR fourteen data rate
- FEC forward error correction
- FP Fabry-Perot (laser)
- FTTx Fiber to the “x” (edge, home, etc.)
- Gb/s Giga bits per second
- GBIC gigabit interface converter (optical transceiver)
- GHz gigahertz
- GPON gigabit passive optical network
- IC Integrated circuit (aka “chip”)
- InP Indium-Phosphide
- LAN Local Area Network
- LASER Light Amplification by Stimulated Emission of Radiation

- LCoS Liquid Crystal on Silicon
- LIDAR Light Detection and Ranging
- LR long reach
- LW long wavelength
- MLSE maximum likely sequence estimator
- MMF multimode fiber
- MPO multi-fiber push on (connector)
- MSA multi-source agreement
- MSO multi system operator (cable operators)
- μ P micro processor
- OADM optical add/drop multiplexer
- OCM Optical Channel Monitor
- OSA optical subassembly
- OSNR optical signal to noise ratio
- OTN optical transport network
- PAM pulse amplitude modulation
- PCI Peripheral Component Interconnect (protocol)
- PCIe PCI express (protocol)
- PON passive optical network
- PSM parallel single mode
- QDR quad data rate
- QSFP+ Quad small form-factor pluggable plus (optical transceiver)
- QSFP-DD QSFP double-density
- RF radio frequency (over fiber)
- ROADM reconfigurable optical add/drop multiplexer
- RoHS Restriction of Hazardous Substances
- ROSA receive optical subassembly
- RU rack unit
- SAS serial attached SCSI
- SFF small form-factor (optical transceiver)
- SFP small form-factor pluggable (optical transceiver)
- SFP+ small form-factor pluggable plus (optical transceiver capable of 10G)
- SMF single mode fiber
- SONET/SDH synchronous optical networking/synchronous digital hierarchy (protocols)
- SR short reach
- SW short wavelength
- SWDM shortwave wavelength division multiplexing
- T²DOC™ Transceiver to Transceiver Digital Optical Communication
- TIA trans impedance amplifier
- TOSA transmit optical subassembly
- WSS wavelength selective switch
- VCSEL vertical cavity surface emitting laser
- VOA Variable Optical Attenuator
- VSR very short reach
- XFP 10G pluggable form factor (optical transceiver)