

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
• ER	extinction ratio
• 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
- OFC Optical Fiber Communication Conference and Exhibition
- OMA optical modulation amplitude
- 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)