

Key Highlights:

- Type: SFP
- Tx Wavelength: Ch. 27 - Ch. 61 (1270nm - 1610nm)
- Rx Wavelength: G.694.2 CWDM Grid (1270-1610nm)
- Media Type: Single- Mode Fiber
- Fiber Type: Single-Mode Fiber (SMF)
- Optical Budget: 15-19 dB
- Max. Distance: 40km
- Data Rate: 100Mbps-2.67Gbps
- Temperature: Standard 0°-70°C



Optical Transceiver : CWDM-2.67G-SFP-40-XX

Product Description:

CWDM-2.67G-SFP-40-XX is multi-vendor compatible SFP Transceiver module, operating over double fiber single-mode optical cable with maximum distance 40km. CWDM-2.67GSFP-40-XX uses Ch. 27 - Ch. 61 (1270nm - 1610nm) transmitting DFB laser and PIN receiver supporting all ITU-T G.694.2 grid (1270-1610nm) and supports 100Mbps-2.67Gbps data rates.

CWDM-2.67G-SFP-40-XX SFP Transceiver is fully compliant to SFP Multi Source Agreement SFF8472 and it can be provided with custom-encoded firmware, in order to provide compatibility of most equipment vendors platforms in data communications industry.



Product Specification:

General parameter	Value
Media Type:	Single-Mode Fiber (SMF)
Connectors:	Double LC
TX Wavelength:	Ch. 27 - Ch. 61 (1270nm-1610nm)
RX Wavelength:	G.694.2 CWDM Grid (1270nm - 1610nm)
Minimum Optical Budget:	15 -19 dB
Maximum Distance:	40 km
Supported Data Rate:	100 Mbps-2.67Gbps
Supported Applications:	STM-16 (2.488Gbps) - 15 dB ; STM-4 (622Mbps) - 18 dB ; STM-1 (155Mbps) - 19 dB ; 100M Ethernet (100Mbps) - 19 dB ; 1G Eth (1.25Gbps) - 18 dB ; 1G FC (1.063Gbps) - 18 dB ; 2G FC (2.125Gbps) - 16 dB ; OTU1 (2.67Gbps) - 15 dB ; ODU0 (1.24416Gbps) - 18 dB ; ODU1 (2.499Gbps) - 15 dB ; CPRI (2.458 Gbps) - 15 dB ; CPRI (1.229 Gbps) - 18 dB ; CPRI (614.4 Mbit/s) - 18 dB ; OBSAI (1.536 Gbps) - 18 dB ; OBSAI (768 Mbps) - 18 dB
DDM/DOM:	Supported
Temperature Range:	Standard 0°-70°C
Power Supply Voltage Typical:	+3.3V single power supply
Compliance:	SFP MSA; SFF-8472; RoHS; CE; Class 1 FDA and IEC60825-1 Laser Safety Compliant



Product Specification:

Transmitter Parameters:	Value
Transmitter Type:	EML Laser
Tx Wavelength Bandwidth:	20 nm (1270nm-1610nm)
Minimum Transmitting Power:	-5 dBm
Maximum Transmitting Power:	0 dBm

Receiver Parameters:	Value
Receiver Type:	PIN
Rx Wavelength Bandwidth:	Ch. 27 - Ch. 61 (1270nm-1610nm)
Receiver Sensitivity:	-20/-24 dB Based on Data Rate
Receiver Overload:	-3 dBm



Compatibility:

EDGE Optical transceivers can be provided with custom-encoded firmware, in order to provide compatibility with more than 100 vendor brands in data and telecom communications industry:

MS - General MSA**AD** - ADVA**AE** - Advantech**AL** - Alcatel (Nokia)**AT** - Allied Telesis**AR** - Arista**AS** - Arris**AV** - Avaya**BC** - Barracuda**BR** - Broadcom**QL** - Cavium (Qlogic)**CR** - Ceragon**CP** - Checkpoint**CH** - Chelsio**CN** - Ciena**CI** - Cisco**LI** - Cisco (Linksys)**CE** - Comnet**CO** - Coriant**DH** - Dahua**DC** - DCN**DL** - Dell & Force10**DK** - D-Link**DZ** - DZS(Dasan-Zhone)**EI** - ECI**EC** - EdgeCore**EW** - EdgeWare**EL** - Eltex**EM** - EMC2**EN** - Enterasys**ER** - Ericsson**EF** - EXFO**EX** - Extreme Networks**F5** - F5 Networks**FI** - Finisar**FO** - Fortinet**FU** - Fujitsu**H3** - H3C**HI** - Hirschmann**HU** - Huawei**IB** - IBM**IF** - Infinera**IN** - Intel**IX** - Ixia**JU** - Juniper Networks**KM** - KeyMile**KY** - KyLand**LN** - Lenovo**ML** - Mellanox**ME** - Meraki (Cisco)**MT** - MikroTik**MO** - Moxa**MR** - MRV**NC** - NEC**NG** - Netgear**NK** - Nokia**NT** - Nortel**NS** - NSN**OR** - Oracle**PA** - Palo Alto Network**PL** - Planet**QC** - QCT(Quanta)**QN** - QNAP**RD** - RAD**RW** - RadWare**RC** - Raisecom**RK** - Ruckus**RU** - Ruijie Networks**SG** - Samsung**SV** - Sandvine**SC** - Silicom**SF** - SolarFlare**SW** - Sonicwall**SM** - Supermicro**SY** - Synology**TC** - Telco Systems**TP** - TP-LINK**TN** - Trendnet**UN** - Ubiquiti Networks**VX** - VeEx**WG** - WatchGuard**WS** - Waystream**WT** - Westermo**ZT** - ZTE**ZX** - Zyxel**HP** - HP**AG** - Avago**OC** - Oclaro**EU** - Emulex**TM** - Transmode**AU** - HP Aruba**XX** - Other

Warranty:

EDGE Optic's provides a limited warranty for **sixty (60)** months from Purchaser's receipt of the Equipment represented in this data sheet against defective design or workmanship.

Ordering Information:

Part Number	Data Rate	Applications	Temperature Range	Available DWDM Channels
CWDM-2.67G-SFP-40-XX*	100Mbps- 2.67Gbps	Up to 40 km	0°- 70°C	27 to 61 ITU-T 100Ghz C-Band 1563.86nm to 1528.77nm

*XX represents the chosen channel, thus Ch.27 would be CWDM-2.67G-SFP-40-XX (1270nm)

