

Product Specification:

Parameter	Value
Media Type:	Single-Mode Fiber (SMF)
Tx Wavelength:	Ch. 50 (1537.4 nm)
Rx Wavelength:	ITU-T DWDM Grid 100 GHz C-Band
Minimum Optical Budget:	13 dB
Maximum Distance:	40 km
Supported Data Rate:	4.25-14.025 Gbps
Supported Applications:	16G FC (14.025Gbps) 8G FC (8.5 Gbps) 4G FC (4.25 Gbps)
DDM/DOM:	Support
Temperature Range:	Standard 0°-70°C
Connectors:	Double LC
Tx Wavelength Bandwidth:	100GHz (0.8nm)
Rx Wavelength Bandwidth:	1260 - 1620 nm
Minimum Transmitting Power:	-1 dB
Maximum Transmitting Power:	3 dB
Receiver Sensitivity:	-14 dBm
Receiver Overload:	2 dBm
Dispersion:	To Be Updated
Transmitter Type:	EML Laser
Receiver Type:	PIN Photodiode
Sidemode Suppression Ratio:	35 dB
Max. Receiver Reflectance:	- 12 dB
Power:	+3.3V single power supply
MTBF value at 35 °C:	1'000'000 Hours.
Chip-set:	Sumitomo
Compliance:	CE Class 1 FDA and IEC60825-1 Laser Safety Compliant RoHS SFF-8431 SFP MSA FC-PI-5 Rev 6.00



Compatibility:

EDGE Optical transceivers can be provided with custom-encoded firmware, in order to provide compatibility with more than 50 vendor brands in data and telecom communications industry:

MS - General MSA
AD - ADVA
AL - Alcatel-Lucent
AR - Arista
AV - Avaya
BR - Brocade
CN - Ciena
CI - Cisco
DL - Dell & Force10
DK - D-Link
EM - EMC2
ET - Enterasys

ER - Ericsson
EX - Extreme Networks
F5 - F5 Networks
FO - Fortinet
FU - Fujitsu
H3 - H3C
HI - Hirschmann
HP* - HP Networking
HS* - HP Storage
HU - Huawei
IB - IBM
IF - Infinera

IN - Intel
JU - Juniper Networks
LI - Linksys
ML - Mellanox
ME - Meraki (Cisco)
MT - MikroTik
MO - Moxa
MR - MRV
NG - Netgear
NS - NSN
PA - Palo Alto Network
QL - Qlogic

RD - RAD
RU - Ruijie Networks
SM - Supermicro
SY - Synology
TC - Telco Systems
TP - TP-LINK
TN - Trendnet
WG - WatchGuard
ZT - ZTE
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.

