



DWDM, sLGX, 40Ch, 20 - 59, DTP, UPG, EXP, OTDR

Rev Z01

Description

DWDM, sLGX, 40Ch, 20-59, DTP, UPG, EXP, OTDR.

Key Features

- Low loss and high isolation
- High-speed transmission dedicated

Applications

- Data Center Interconnect (DCI)
- 5G/6G carries fronthaul and backhaul networks

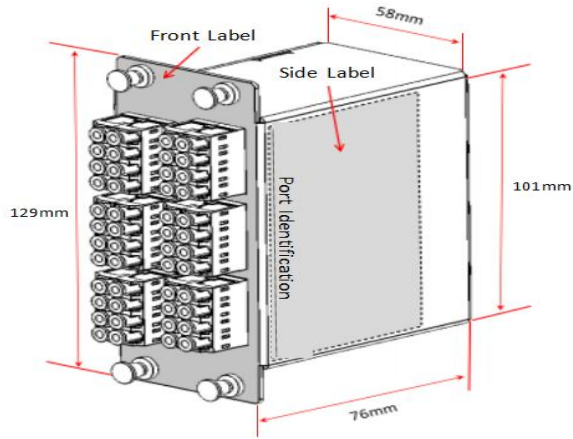
Specifications

Parameter	Unit	Value
Operating Wavelength	nm	1260 - 1635
Channel Spacing	GHz	100
Channel Pass Band @0.5dB	nm	± 0.125
DWDM Ch Uniformity	dB	≤ 1.5
Ripple within DWDM passband	dB	< 0.5
Insertion Loss DWDM Channel	dB	< 4.5
Insertion Loss RX & TX Test	dB	≤ 21
Insertion Loss EXP	dB	< 1.5
Insertion Loss UPG	dB	< 3.5
Insertion Loss OTDR	dB	< 1.0
Insertion Loss Adjacent	dB	≥ 30
Insertion Loss Non-Adjacent	dB	≥ 50
UPG Port Band	nm	CH16 to CH63 excluding DWDM channels
EXP Wavelength Range	nm	1260 - 1520, 1570 - 1635
OTDR Pass Band	nm	1640 to 1660
Directivity DWDM	dB	≥ 55
Directivity EXP	dB	≥ 45
Return Loss	dB	≥ 45
PDL	dB	≤ 0.20
PMD	ps	≤ 0.15
Insertion Loss Thermal Stability	dB/C	≤ 0.005
Wavelength Thermal Stability	nm/C	≤ 0.001
Maximum Input Power	mW	300
Operation Temperature	°C	- 20~65
Storage Temperature	°C	- 40~85

Note:

1.Insertion Loss is excluding connector loss.

Package Dimensions



Custom made:2/4/8/12/16/24/48CH
Different module box sizes

Ordering Information

DWDM-①-②-③-④

①: Channel Spacing
1 - 100G

②: Channel Count
40 - 40CH
C - Custom made

③: DWDM Channel
20 - CH20~CH59
C - Custom made

④: Flange Type
LA - LC/APC
LU - LC/UPC
SA - SC/APC
SU - SC/UPC