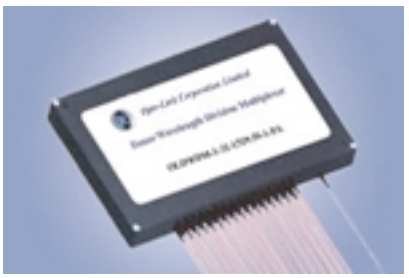
Opto-Link
Corporation Ltd

DWDM (TFF)

Channel Spacing: 100GHz & 200GHz Mux or Demux

The Dense Wavelength Division Multiplexer (DWDM) is manufactured by using thin film filter (TFF) technology. It offers low insertion loss, high wavelength isolation and excellent environmental stability.



Types

- 100GHz / 200GHz

Applications

- CATV
- DWDM Systems
- Fiber Optic Sensor
- Subscriber Loop

Features

- Low Insertion Loss
- High Channel Isolation
- Low Polarization Dependence
- High Return Loss
- Excellent Environmental Stability

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SPECIFICATIONS

Dense Wavelength Division Multiplexer (100GHz)-Mux or Demux

Parameter	Channel Number	Units
Channel Number	40	--
Central Wavelength	ITU-T Grid	nm
Channel Passband @ 0.5dB	0.2	nm
Insertion Loss (Max.)	7.5	nm
Insertion Loss Uniformity	1.0	dB
PDL (Max.)	0.2	dB
Channel Isolation (Mux)	N/A	dB
Channel Isolation (Demux)	25	dB
Directivity (Min.)	50	dB
Return Loss (Min.)	40	dB
Center Wavelength Stability	0.002	nm/°C
Thermal Stability	0.006	dB/°C
Max. Optical Power	300	mW
Tensile Load	5	N
Fiber Type	SMF-28 fiber	--
Operation Temperature	-5 to +65	°C
Storage Temperature	-40 to +85	°C
Dimension	TBD	mm

*Above specifications are for device without connectors.

*If connector added, IL will be 0.3dBhigher, RL will be 5dB lower for each connector added.

ORDERING CODES

OLDWDM - SD – [ ] – [ ] – [ ] – [ ] – [ ]

Channel Spacing	Code
100GHz	1
200GHz	2

Channel Number	Code
8 Channels	08
16 Channels	16
32 Channels	32
40 Channels	40

Center Wavelength	Code
ITU-T Grid	XX

Pigtail Length	Code
Customer Specify	XX

Connector Type	Code
No Connector	NC
FC/PC	FP
SC/PC	SP
FC/APC	FA
SC/APC	SA
LC/PC	LP
MU/PC	MP
Others	XX

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