



Opto-Link
Corporation Ltd

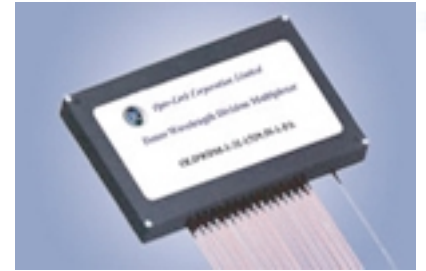
Optical Connector **DWDM (TFF)**

Channel Spacing: 100GHz & 200GHz

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)

Parameter	Channel Number			Units
	4	8	16	
Channel Number	4	8	16	--
Central Wavelength	ITU-T Grid			nm
Channel Passband @ 0.5dB (Min.)	0.2			nm
Passband Flatness (Max.)	1.0			dB
Insertion Loss (Max.)	2.5	3.5	4.8	dB
Channel Uniformity (Max.)	1.5			dB
Channel Isolation (Min.) (DEMUX)	25			dB
Wavelength Thermal Stability (Max.)	0.002			nm/°C
Insertion Loss Thermal Stability (Max.)	0.006			dB/°C
Return Loss (Min.)	45			dB
PMD (Max.)	0.1			ps
PDL (Max.)	0.1			dB
Directivity (Min.)	55			dB
Handling Power	1000			mW
Fiber Type	SMF-28			--
Operation Temperature	-5 to +70			°C
Storage Temperature	-40 to +85			°C
Dimensions	100x80x9.5	133x95x9.5	150x115x13	mm

*Above specifications are for device without connectors.

Dense Wavelength Division Multiplexer (200GHz)

Parameter	Channel Number			Units
	4	8	16	
Channel Number	4	8	16	--
Central Wavelength	ITU-T Grid			nm
Channel Passband @ 0.5dB (Min.)	0.5			nm
Passband Flatness (Max.)	1.0			dB
Insertion Loss (Max.)	2.2	3.3	4.6	dB
Channel Uniformity (Max.)	1.5			dB
Channel Isolation (Min.) (DEMUX)	25			dB
Wavelength Thermal Stability (Max.)	0.002			nm/°C
Insertion Loss Thermal Stability (Max.)	0.006			dB/°C
Return Loss (Min.)	45			dB
PMD (Max.)	0.1			ps
PDL (Max.)	0.1			dB
Directivity (Min.)	55			dB
Handling Power	1000			mW
Fiber Type	SMF-28			--
Operation Temperature	-5 to +70			°C
Storage Temperature	-40 to +85			°C
Dimensions	100x80x9.5	133x95x9.5	150x115x13	mm

*Above specifications are for device without connectors.

ORDERING CODES

