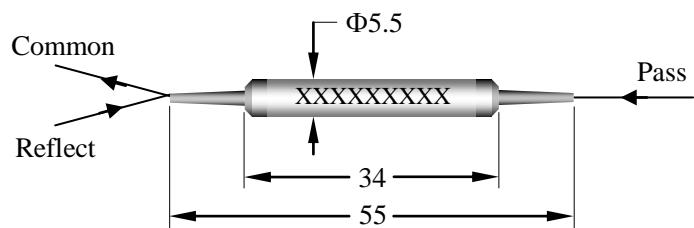


Polarization Maintaining Dense Wavelength Division Multiplexer (1X2-100G)

1. Features:

- Low insertion loss
- High extinction ratio
- High Return Loss
- Excellent environmental stability and reliability



2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system



3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

4. Specifications:

Parameters		Type	Unit	Values
Pass Band	Center Wavelength		nm	ITU Grid (100GHz)
	Insertion Loss (CWL±0.11nm)		dB	≤1.2
	Bandwidth at 0.5 dB (Typ.)		nm	≥0.2 (0.4)
	Bandwidth at 25 dB		nm	≤1.4
	Typ. Isolation		dB	30
	Isolation		dB	≥25
Reflect Band	Typ. Insertion Loss		dB	0.3
	Insertion Loss		dB	≤0.5
	Typ. Isolation		dB	15
	Isolation		dB	≥12
Extinction Ratio			dB	≥20
Directivity			dB	≥45
Return Loss			dB	≥50
Center Wavelength Stability			nm	≤0.002
Thermal Stability			dB/°C	≤0.005
Power Handling			mW	≤300
Tensile Load			N	≤5
Fiber Type				PM 1550 Panda Fiber
Operating Temperature			°C	-5 to +70
Storage Temperature			°C	-40 to +85

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

PMDWDM		X	X X	X	X	XXX	XX	XX
Product Description	Port Type	/	Operating Wavelength	Pigtail Type	Fiber Type	Port1&Port2&Port3 Connector Type	Package Size	Fiber Length
P=Polarization	1X2	1=100G	30=30CH	0=250um	1=PM98	0=None	34=5.5×34	05=0.5m
M=Maintaining		2=200G	34=34CH	1=900um	2=PM15	1=FC/UFC	35=5.5×35	08=0.8m
DWDM					3=PM13	2=FC/APC	38=5.5×38	10=1.0m
			ITU Grid		4=others	3=SC/UPC		12=1.2m
						4=SC/APC		

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