

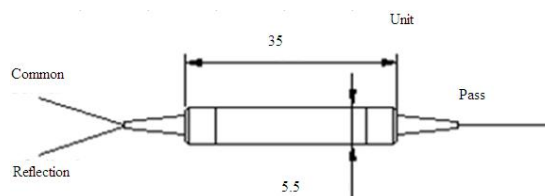
100Ghz and 200Ghz Polarization Maintaining DWDM Device

Features
Low insertion loss & High channel isolation High stability and reliability
Application
High Speed Communication PM DWDM system

Specifications

Parameter	Single Channel	
	100G ITU Grid Channel	200 ITU Grid Channel
Channel Center Wavelength(nm)	1500~1640	1500~1640
Operating Wavelength Range (nm)	1500~1640	
Channel space (nm)	0.8(100G)	1.6(200G)
Channel bandwidth (nm)	>=0.22	>=0.55
Insertion Loss for pass channel(dB)	≤1.0	
Insertion Loss for reflect channel(dB)	≤0.8	
ER (dB)	≥20	
Isolation (dB)	Pass Channel @Adjacent channel Isolation	≥30
	Reflect Channel@ Pass band	≥15
Directivity (dB)	≥50	
Return loss (dB)	≥45	
Wavelength thermal stability (nm/°C)	≤0.002	
Insertion loss thermal stability (dB/°C)	≤0.003	
Power handling (mW)	≤300	
Fiber Type	PM1550	
Operating temperature (°C)	0 ~ +70	
Storage temperature (°C)	-40 ~ +85	
Dimensions (mm)	φ5.5×L35(P1) L90×W20×H9.5(P9)	

***Above specifications are for module without connector. For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.**



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Ordering Information:

PMDWDM	Spacing	Port	0	Channel	Package	Pigtail Type	Length	Connector
	1=100G 2=200G	1=1x1 2=1x2	0	16=C16 60=C60	1=P1 9=P9	1=250 bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/PC 7=LC/APC