

POLARIZATION MAINTAINING WDM COUPLERS

Gould's truly fused polarization maintaining WDM couplers offer high extinction ratio with polarization launch into a single or dual axis (Slow & Fast). Gould utilizes our proven Fused Biconical Taper (FBT) process to manufacture polarization maintaining couplers.

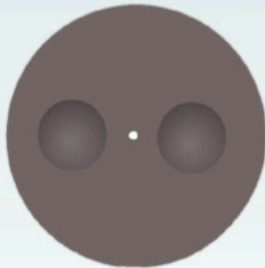


Features

- Low Optical Loss
- High Extinction Ratio
- High Isolation

Applications

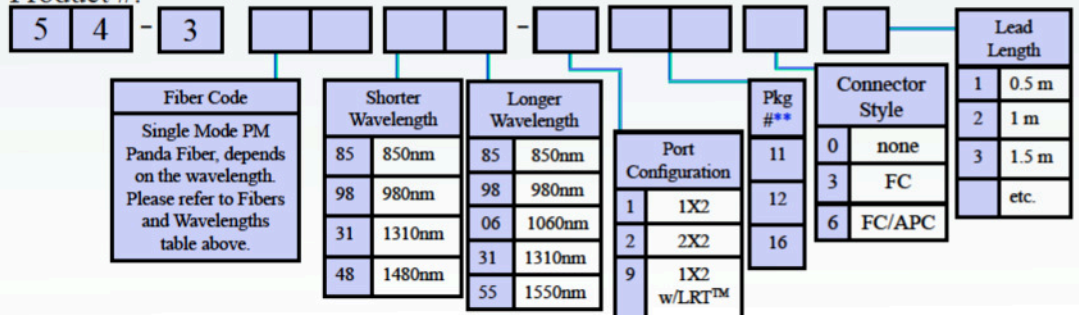
- Defense
- Gyroscope
- Telecom
- Instrumentation
- Fiber lasers
- Medical
- Sensors
- EDFA



Specifications		
Parameter	Specification	
Wavelength Spacing (nm)	60 - 100	> 100
Insertion Loss (dB)	< 0.7	< 0.5
Peak Isolation (dB)	> 12	> 20
Polarization Extinction Ratio (dB)	> 18	> 20
Wavelength 1 (nm)	980-1550	
Wavelength 2 (nm)	1060-1600	
Directivity/Return Loss (dB)	55	
Fiber Type	PM Panda, Single Mode etc. See Fibers table below	
Package	11, 12 & 16	
Optical Power Handling (W)	5	
Lead Buffer	None (Bare Fiber)	
Storage Temperature (°C)	-40 TO +85	
Operating Temperature (°C)	0 TO +70	

Fibers & Operating Wavelengths		
Fiber Code	Description	Operating Wavelengths (nm)
86	CORNING PR PM13-U25A-H	1290 and above
87	NUFERN PM14XXC-HP	1390 - 1625
89	NUFERN PM780C-A	780-980
90	NUFERN PM980C-HP	970-1550

Product #:



distributed by

Specifications are based on non-connectorized products. For connectorized specifications, please call sales for details. Custom optical & mechanical configurations are available upon request.

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