


980/1550nm PM WDM Coupler

Features	
Low Insertion Loss High Isolation & High ER High stability and reliability	
Application	
EDFA Testing Equipment	

Specifications

Parameter		Type	980/1550 PMWDMC	
Operating wavelength (nm)			980 and 1550	
Operating bandwidth (nm)			±10/15	
Grade			P	A
Insertion loss (dB)	980nm		≤0.3	≤0.4
	1550nm		≤0.5	≤0.7
Isolation (dB)			≥18	≥18
Extinction Ratio(dB)			≥20	≤18
Directivity (dB)			≥55	
Operating temperature (°C)			-40 ~ +85	

Package Information

Configuration	1x2 or 2x2		
Fiber length	1m, others on request		
Fiber Type	PM 980		
Pigtail type	250μm bare fiber	900μm loose tube	900μm/2mm/3mm loose tube
Dimensions(mm)	φ3.0×54	φ3.0×54	90×14×8.5

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis.

Ordering Information

PMWDMC	Grade	Wavelength	Port	Pigtail Type	FiberType	Length	Connector	Package
	P A	980/1550	1x2 2x2	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	5=PM980	0.8= 0.8m X:other	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC XX=Other	3x54