1x5 Monolithic Single Mode Coupler

Features
Low excess loss &low IL Mini Size High stability and reliability
Application
Optical communication systems FTTH Testing instrument Optical fiber sensors

Specifications

Parameter \ Type	1x5 CP-W		1x5 CP-D	
Operating wavelength (nm)	1310, 1550,		1310/1550	
Operating bandwidth (nm)	±40		±40	
Grade	P	A	P	A
Typical excess loss (dB)	0.1	0.15	0.1	0.15
Insertion loss (dB)	≤7.6	≤7.8	≤8.0	≤8.2
PDL(dB)	≤0.2	≤0.25	≤0.25	≤0.3
Uniformity (dB)	≤1.0	≤1.4	≤1.2	≤1.5
Directivity (dB)	≥55			
Operating temperature (℃)	–40 ~ +85			

Package Information

Configuration	1x5	
Fiber length	1m, others on request	
Fiber Type	SMF-28e	
Pigtail type	250μm bare fiber	900μm loose tube
Dimensions(mm)	φ3.0×54 or φ4.0x45	φ4.0×56 or φ4.0×75

Ordering Information

CP	Wavelength	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	S= Single mode standard coupler **W**=Wide band coupler **D**=Dual window coupler **T**=Three Window coupler **M**=Multimode fiber Coupler	P A	1x2 2x2 1x3 1x4 1x5 …..	532 633 780 850 980 1064 1310 1550 1310/1550 1260~1620	1/99 2/98 3/97 …… 50/50	250=250um bare fiber 900=900um loose tube 2000=2mm loose tube 3000=3mm loose tube	1=SMF-28e 2=50/125 3=62.5/12.5 4=HI1060FLEX 5=Panda fiber 6=RC Fiber 7=Others	1=1m X:other	NC=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC MU=MU/UPC XX=Others	3x54 3x40 ….