

3x3 Monolithic Single Mode Coupler

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

Specifications

Type Parameter	3x3 CP-S		3x3 CP-W	
Operating wavelength (nm)	1310, 1550,		1310/1550	
Operating bandwidth (nm)	±15		±40	
Grade	P	A	P	A
Typical excess loss (dB)	0.1	0.15	0.1	0.15
Insertion loss (dB)	≤5.6	≤5.8	≤5.8	≤6.2
PDL(dB)	≤0.25	≤0.3	≤0.25	≤0.3
Uniformity (dB)	≤1.0	≤1.4	≤1.3	≤1.6
Directivity (dB)	≥55			
Operating temperature (°C)	-40 ~ +85			

Package Information

Configuration	3x3	
Fiber length	1m, others on request	
Fiber Type	SMF-28e	
Pigtail type	250µm bare fiber	900µm loose tube
Dimensions(mm)	φ3.0×54 or φ3.0×35 φ3.0×30	φ4.0×75

Ordering Information

CP	Type	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	S = Single mode standard coupler W =Wide band coupler	P A	3x3	1310 1550	EVEN	250=250µm bare fiber 900=900µm loose tube	1=SMF-28e	1= 1m X:other	NE=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 3x35 3x30 4x75