

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

Parameter	3x3 CP-S		3x3 CP-W		3x3 CP-S	
Operating wavelength (nm)	1310, 1550,		1310/1550		1064	
Operating bandwidth (nm)	±15		±40		±10	
Grade	P	A	P	A	P	A
Typical excess loss (dB)	0.1	0.15	0.1	0.15	0.3	0.4
Insertion loss (dB)	≤5.6	≤5.8	≤5.8	≤6.2	≤6.0	≤6.5
PDL(dB)	≤0.25	≤0.3	≤0.25	≤0.3	≤0.25	≤0.3
Uniformity (dB)	≤1.0	≤1.4	≤1.3	≤1.6	≤1.2	≤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/ φ3.0×35/φ3.0×30	Φ3.0×70

Ordering Information

CP	Type	Grade	Port Type	Wavelength	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	S=standard coupler W=Wide band coupler	P A	3x3	1310 1550 1064	EVEN	250=250um 900=900um	1=SMF-28 4=H11060FLEX X=H11060	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 3x70 4x70 4x75