

Mini Size 3x3 Monolithic Single Mode Coupler

Features	
Wide Bandwidth Low Insertion Loss High Reliability	
Applications	
Telecommunications Fiber sensor	

Specifications

Type Parameter	3x3 CP-S		3x3 CP-W	
Operating wavelength (nm)	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)	≤5.8	≤6.0	≤6.2	≤6.5
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
Dimensions(mm)	φ3.0×35

Ordering Information

CP	Type	Grade	Port	Wavelength	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	S = Single mode standard coupler W =Wide band coupler	P A	3X 3	13=1310 15=1550	EVEN	0=250um bare fiber	1=SMF-28e	1= 1m X:other	NE=None FC=FC/UPC SC=SC/UPC FA=FC/APC SA=SC/APC ST=ST/UPC LC=LC/UPC xx=Others	3x35