
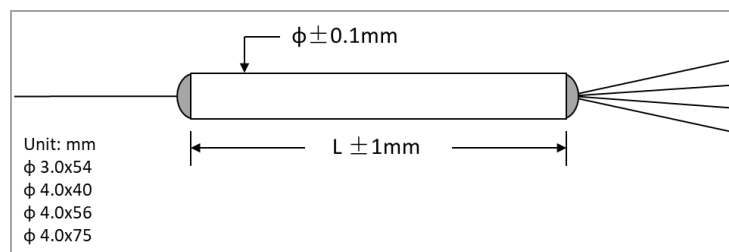


1x4 Monolithic Single Mode Coupler

Features	
Low Excess loss & Low IL Mini Size High Stability and Reliability	
Application	
Optical Communication Systems FTTH Optical Fiber Sensor	

Specifications

Parameter	1x4 CP-S		1x4CP-W		1x4 CP-D		1x4 CP-T	
Operating Wavelength (nm)	1310, 1550,				1310/1550		1310/1490/1550	
Operating Bandwidth (nm)	±15		±40		±40		1310±40,1490±10 and 1550±40	
Grade	P	A	P	A	P	A	P	A
Typical Excess Loss (dB)	0.15	0.25	0.2	0.3	0.3	0.4	0.3	0.4
Insertion Loss (dB)	≤7.0	≤7.4	≤7.1	≤7.4	≤7.2	≤7.5	≤7.2	≤7.5
PDL (dB)	≤0.2	≤0.25	≤0.2	≤0.25	≤0.25	≤0.3	≤0.25	≤0.3
Uniformity (dB)	≤1.0	≤1.4	≤1.2	≤1.6	≤1.4	≤1.8	≤1.4	≤1.8
Power Handling (W)	1							
Fiber Length (m)	1							
Fiber Type	SMF-28e							
Package Size (mm)	φ3.0×54 or φ 4.0×40 for bare fiber, φ4.0×75 or φ4.0×56 for 900μm Loose Tube							
Return Loss (dB)	≥50							
Directivity (dB)	≥55							
Operating Temperature (°C)	-40 ~ +85							

Package Information

Ordering Information

CP	Type	Grade	Port Type	Wavelength	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	S=Standard W=Wide Band D=Dual Window T=Three Window	P A	1x4	1310 1550 1310/1550 13/14/15	EVEN	250=250μm 900=900μm	1=SMF-28e	1= 1m X:other	NE=None FA=FC/APC FC=FC/APC SA=SC/APC SC=SC/APC LC=LC/APC LA=LC/APC MU=MU/APC XX=Others	3x54 4x40 4x56 4x75