


## 1x5 Monolithic Single Mode Coupler

<b>Features</b>	
Low excess loss & low IL Mini Size High stability and reliability	
<b>Application</b>	
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 (°C)	-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 φ4.0×45	φ4.0×56 or φ4.0×75

### Ordering Information

CP	Type	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	<b>S</b> = Single mode standard coupler <b>W</b> =Wide band coupler <b>D</b> =Dual window coupler	P A	1x5 .....	1310 1550 1310/1550	EVEN	250=250um bare fiber 900=900um 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 4x45 4x75 4.0x56