

# 1x4 Monolithic Single Mode Coupler

<b>Features</b>	
Wide Bandwidth Low Insertion Loss High Reliability	
<b>Applications</b>	
Telecommunications CATV Network FTTH/PON	

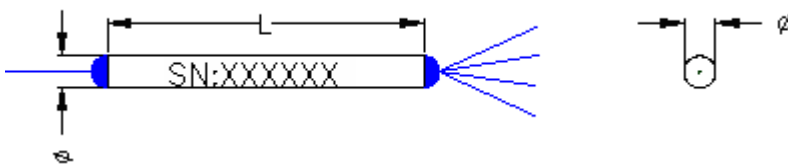
## Specifications

Type 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
Directivity (dB)	≥55							
Operating temperature (°C)	-40 ~ +85							

## Package Information

Configuration	1x4	
Fiber length	1m, others on request	
Fiber Type	SMF-28e	
Pigtail type	250µm bare fiber	900µm loose tube
Dimensions(mm)	φ3.0×54	Φ3x60

## Package Dimensions



## Ordering Information

CP	Type	Grade	Port	Wavelength	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 <b>T</b> =Three Window coupler	P A	1x 4	13=1310 15=1550 1315=1310/1550 131415=1310/1490/1550	EVEN	0=250um bare fiber 1=900um loose tube	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	3x54 4x65