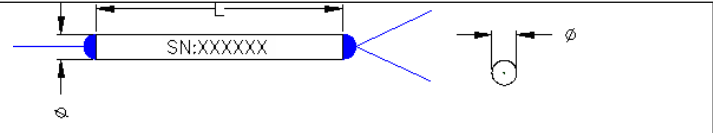


## 1x2 (2x2) Single Mode Coupler & Mini size Coupler

<b>Features</b>	
Wide Bandwidth Low Insertion Loss High Reliability	

### Specifications

Type	Single Window Standard Coupler (CP-S)		Single Window Wideband Coupler (CP-W)		Dual Window Wideband Coupler (CP-D)		Three Window Wideband Coupler (CP-T)		
	Grade P	Grade A	Grade P	Grade A	Grade P	Grade A	Grade P	Grade A	
Operating wavelength (nm)	1310 or 1550		1310 or 1550		1310/1550		1310/1490/1550		
Operating bandwidth (nm)	±15		±40		± 40		1310 ± 40, 1490 ± 10 and 1550 ± 40		
Typical excess loss (dB)	0.07	0.1	0.07	0.1	0.07	0.1	0.07	0.1	
Insertion loss (dB)	50/50	≤3.4	≤3.6	≤3.4	≤3.6	≤3.6	≤3.8	≤3.6	≤3.8
	40/60	≤4.4/2.6	≤4.7/2.8	≤4.4/2.6	≤4.7/2.8	≤4.7/2.7	≤4.9/2.9	≤4.7/2.7	≤4.9/2.9
	30/70	≤5.7/1.9	≤6.0/2.0	≤5.7/1.9	≤6.0/2.0	≤6.0/1.9	≤6.3/2.1	≤6.0/1.9	≤6.3/2.1
	20/80	≤7.6/1.25	≤8.0/1.35	≤7.6/1.25	≤8.0/1.3	≤7.9/1.3	≤8.4/1.4	≤7.9/1.3	≤8.4/1.4
	10/90	≤11.0/0.65	≤11.5/0.8	≤11.0/0.65	≤11.5/0.8	≤11.2/0.75	≤12.0/0.8	≤11.2/0.75	≤12.0/0.8
	5/95	≤14.2/0.4	≤14.8/0.5	≤14.2/0.4	≤14.8/0.5	≤14.6/0.4	≤15.5/0.5	≤14.6/0.4	≤15.5/0.5
	2/98	≤18.5/0.25	≤19.0/0.35	≤18.5/0.25	≤19.0/0.35	≤18.8/0.3	≤19.5/0.4	≤18.8/0.3	≤19.5/0.4
	1/99	≤21.5/0.2	≤22.0/0.3	≤21.5/0.2	≤22.0/0.3	≤22.5/0.25	≤23.5/0.35	≤22.5/0.25	≤23.5/0.35
PDL (dB)	≤0.1	≤0.15	≤0.1	≤0.15	≤0.15	≤0.20	≤0.15	≤0.20	
Directivity (dB)	≥55		≥55		≥55		≥55		
Operating temperature (°C)	-40 ~ +85		-40 ~ +85		-40 ~ +85		-40 ~ +85		

### Package Information

Configuration	1x2 or 2x2		
Fiber length	1m, others on request		
Fiber Type	SMF-28e Ultra Fiber or RC80 SMF-28e		
Pigtail type	250μm bare fiber or 165um bare fiber	900μm loose tube	900μm/2mm/3mm loose tube
Dimensions(mm)	Normal φ3.0×54 or 3.0×40 Mini: φ2.0×18, φ2.4×22; φ2.4×25; φ2.4×30; φ3.0×35;	φ3.0×54	90x20x9.5

### Ordering Information

CP	Type	Grade	Port	Wavelength	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	S=Single Window W=Wideband D=Dual Window T=Three window	P A	1=1 x2 2=2 x2	1310=1310 1550=1550 1315=1310/ 1550  131415=1310/1490/1550	1/99 2/98 3/97 ..... 50/50	0=250um bare fiber 1=900um loose tube 2=2mm loose tube 3=3mm loose tube 4= 165um bare fiber	1=SMF-28e 2= RC80 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	54=3x54 40=3x40 90=90x20x8.5 18=2.0x18 22=2.4x22 25=2.4x25 30=2.4x30