

1x3 Monolithic Single Mode Coupler

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

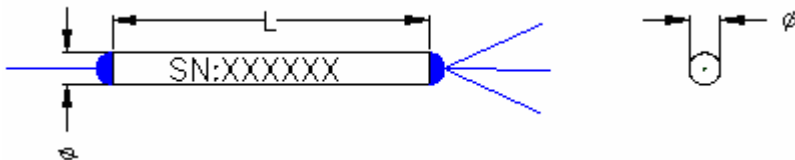
Specifications

Type Parameter	1x3 CP-S		1x3 CP-W		1x3 CP-D		1x3 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)	0.1	0.15	0.1	0.15	0.1	0.15	0.1	0.15
Insertion loss (dB)	≤5.4	≤5.7	≤5.6	≤6.0	≤5.8	≤6.2	≤5.8	≤6.2
PDL(dB)	≤0.2	≤0.25	≤0.2	≤0.25	≤0.25	≤0.3	≤0.25	≤0.3
Uniformity (dB)	≤0.8	≤1.2	≤1.0	≤1.4	≤1.2	≤1.5	≤1.2	≤1.5
Directivity (dB)	≥55							
Operating temperature (℃)	-40 ~ +85							

Package Information

Configuration	1x3	
Fiber length	1m, others on request	
Fiber Type	SMF-28e	
Pigtail type	250μm bare fiber	900μm loose tube
Dimensions(mm)	φ3.0×54 or φ2.4×30	φ3×60

Package Dimensions



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 D =Dual window coupler T =Three Window coupler	P A	1x 3	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 3x60