

Single Mode Standard Coupler

Features	
Low Insertion Loss	
High Reliability	
Applications	
Telecommunications	
CATV Network	
Optical Amplifier	

Specifications:

Parameter		Grade P	Grade A
Operating wavelength (nm)		1310 or 1550 or others	
Operating bandwidth (nm)		±15	
Typical excess loss (dB)		0.07	0.10
Insertion Loss (dB)	50/50	≤3.4	≤3.6
	40/60	≤4.4/2.6	≤4.7/2.8
	30/70	≤5.7/1.9	≤6.0/2.0
	20/80	≤7.6/1.25	≤8.0/1.35
	10/90	≤11.0/0.65	≤11.5/0.8
	5/95	≤14.2/0.4	≤14.8/0.5
	2/98	≤18.5/0.25	≤19.0/0.35
	1/99	≤21.5/0.2	≤22.0/0.3
PDL (dB)		≤0.1	≤0.15
Directivity (dB)		≥55	
Operating temperature (°C)		-40 ~ +85	

Package Information

Configuration	1x2 or 2x2		
Fiber length	1m, others on request		
Fiber Type	SMF-28e		
Pigtail type	250μm bare fiber	900μm loose tube	900μm/2mm/3mm loose tube
Dimensions(mm)	φ3.0×54 or φ3.0×40	φ3.0×54	90×20×9.5

Package Dimensions



Ordering Information

CP	Type	Grade	Port	Wavelength	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	S=Single Mode Standard Coupler	P A	1x2 2x2	13=1310 15=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	1=SMF-28e	1= 1m X:other	NE=None FC=FC/UPC SC=SC/UPC FA=FC/APC SA=SC/APC LC=LC/UPC xx=Others	3x54 3x40 90x20x9.5 5