

Mini Size Single Mode Standard Coupler

Features	
Low excess loss & low IL & low PDL	
Mini Size	
High stability and reliability	
Application	
Mini size EDFA	
Mini size transmitter/receiver module	
Optical communication systems	
Testing instruments	

Specifications:

Parameter		Grade P	Grade A
Operating wavelength (nm)		1310 or 1550, others on request	
Operating bandwidth (nm)		±15	
Typical excess loss (dB)		0.07	0.10
Insertion loss (dB)	50/50	≤3.5	≤3.7
	40/60	≤4.5/2.7	≤4.8/2.9
	30/70	≤5.8/2.0	≤6.1/2.1
	20/80	≤7.7/1.25	≤8.0/1.3
	10/90	≤11.2/0.7	≤11.8/0.85
	5/95	≤14.5/0.45	≤15.0/0.55
	2/98	≤18.5/0.3	≤19.2/0.35
	1/99	≤21.5/0.25	≤22.2/0.3
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
Dimensions(mm)	φ2.4×25; φ3.0×30; φ3.0×35;

Ordering Information

CP	Wavelength	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	S = Single mode standard coupler	P	1x2	532	1/99	250=250um	1=SMF-28e	1=	NE=None	2.4x2
		A	2x2	633	2/98	bare fiber	2=50/125	1m	FA=FC/APC	5
	W =Wide band coupler		1x3	780	3/97	900=900um	3=62.5/12.5	X:other	FC=FC/UPC	
	D =Dual window coupler		1x4	850		loose tube	4=HI1060FLE		SA=SC/APC	
	T =Three Window coupler		1x5	980	50/50	2000=2mm	X		SC=SC/UPC	
				1064		loose tube	5=Panda fiber		LC=LC/UPC	
				1310		3000=3mm	6=RC Fiber		LA=LC/APC	
				1550		loose tube	7=Others		MU=MU/UPC	
	M =Multimode fiber Coupler			1310/1550					XX=Others	
				1260~1620						