

Mini Size Single Mode Wide Band 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)	±40		
Typical excess loss (dB)	0.07	0.10	
Insertion loss (dB)	50/50	≤3.6	≤3.8
	40/60	≤4.6/2.8	≤4.9/3.0
	30/70	≤5.9/2.1	≤6.3/2.2
	20/80	≤7.8/1.3	≤8.2/1.4
	10/90	≤11.2/0.75	≤11.8/0.85
	5/95	≤14.5/0.5	≤15.0/0.55
	2/98	≤18.5/0.35	≤19.2/0.4
	1/99	≤21.5/0.25	≤22.2/0.35
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 W =Wide band coupler D =Dual window coupler T =Three Window coupler M =Multimode fiber Coupler	P	1x2	532	1/99	250=250um	1=SMF-28e	1=	NE=None	3x54
		A	2x2	633	2/98	bare fiber	2=50/125	1m	FA=FC/APC	3x40
			1x3	780	3/97	900=900um	3=62.5/12.5	X:other	FC=FC/UPC	....
			1x4	850	.....	loose tube	4=HI1060FLE		SA=SC/APC	
			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	
				1310/1550					C	
				1260~1620					XX=Others	