

1*2 2*2 Polarization Maintaining Fused Coupler

Features

Low Excess Loss

Various Coupling Ratio

High Stability And Reliability

Epoxy Free Optical Path

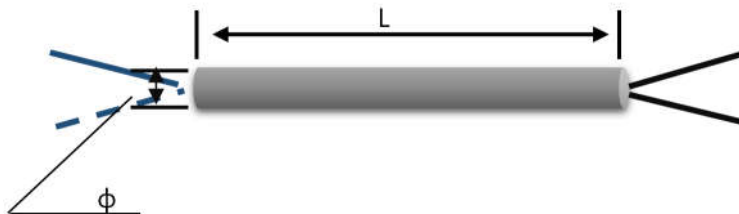
Applications

Optical Amplifier

Optical Networks

Power Monitoring

Fiber Sensors



OPTICAL SPECIFICATION

Configuration		unit	1x2 or 2x2	
			Polarization Maintaining Fused Standard Coupler	
Operating Wavelength		nm	1310 or 1550	
Operating Bandwidth		nm	±15	
MAX IL	1/99	%	≤22/0.4	
	2/98	%	≤18.5/0.45	
	3/97	%	≤16.7/0.5	
	5/95	%	≤14.8/0.8	
	10/90	%	≤11.6/1.0	
	20/80	%	≤8.0/1.5	
	30/70	%	≤5.75/2.1	
	40/60	%	≤4.6/2.8	
	50/50	%	≤3.6	
PDL		dB	≤0.20	
Extinction Ratio		dB	CR>5%	18
			5%≥CR>1%	16
Return Loss		dB	≥55	
Directivity		dB	≥55	



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Operating Temperature	°C	-5~70
Storage Temperature	°C	-40~85

NOTE: The parameters do not include connector, connector IL is 0.30dB

Package Size

	Unit	size	size	size
Fiber Diameter	um	250	900	900/2000/3000
Package	mm	Φ3.0×L40(54)	Φ3.0×L40(54)	90*14*8.5

Order Information

XXXX	X	X	XX/XX	X	X	X	XX/XX
	Configuration	Operating Wavelength	Coupler Ratio	Fiber diameter	Package	Fiber Type	Connector
IPMC:	1=(1*2)	1=1310nm	50/50	1:250um	1: 3x40	1:ClearCurve®	FC/UPC
	2=(2*2)	2=1550nm	49/51	2:900um	2: 3×54	XB	SC/UPC
			48/52	3:2.0mm	3:Other	2:Other	FC/APC
			...	4:3.0mm			...
			1/99	5:Other			LC/UPC