

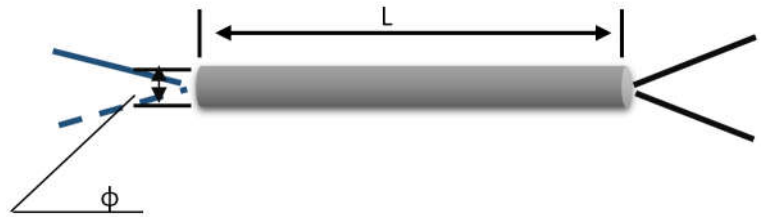
1*2(2*2) Monolithic Multi-Mode Coupler

Features

Low Excess Loss

Various Coupling Ratio

Excellent Environmental & Mechanical Stability



Applications

Subscriber Loop

CATV Systems & Fiber optic Sensors

Local Area Network

OPTICAL SPECIFICATION

Configuration	unit	1x2 or 2x2	
		Monolithic Multi-Mode Coupler	
Operating Wavelength	nm	1310 or 1550	
Operating Bandwidth	nm	±40	
MAX IL	1/99	%	≤22.8/0.8
	2/98	%	≤19.4/0.9
	5/95	%	≤15.0/1.0
	10/90	%	≤11.6/1.2
	20/80	%	≤8.1/1.7
	30/70	%	≤6.3/2.4
	40/60	%	≤5.0/3.0
	50/50	%	≤4.0/4.0
PDL	dB	≤0.20	
Uniformity (@50/50)	dB	≤0.8	
Typical excess loss	dB	0.7	
Return Loss	dB	≥55	
Directivity	dB	≥55	
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×L54	Φ3.0×L54	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
IMMC:	1=(1*2)	1=980nm	50/50	1:250um	1: 3×54	1:62.5/125	FC/UPC
	2=(2*2)	2=1310nm	49/51	2:900um	2:90*10*8	Multi-Mode	SC/UPC
		3=other		48/52	3:2.0mm	3:Other	2:50/125
	...			4:3.0mm	Multi-Mode		...
	1/99			5:Other	3:Other		LC/UPC