

MINISIZE SINGLE MODE COUPLER

Specifications

Parameter	Unit	Value	
Operating Wavelength	nm	1310 or 1550, others on request	
Operating Bandwidth	nm	±15	
Typical Excess Loss	dB	0.1	
Insertion Loss	50/50	dB	≤3.4
	40/60	dB	≤4.6/2.8
	30/70	dB	≤5.9/1.9
	20/80	dB	≤7.6/1.8
	10/90	dB	≤11.0/0.65
	5/95	dB	≤14.2/0.4
	2/98	dB	≤18.5/0.25
1/99	dB	≤21.5/0.2	
PDL	dB	≤0.1	
Directivity	dB	≥55	
Operating Temperature	°C	-40 ~ +85	

Package Information

Configuration	1x2 or 2x2
Fiber Lead Length	1 m
Dimension (mm)	φ2.4 x L25; φ2.4 x L30; φ3.0 x L30; φ3.0 x L35; φ3.0 x L40

Package Dimensions for Ordering Information

A30: φ3.0mm x L30mm A35: φ3.0mm x L35mm A40: φ3.0mm x L40mm A56: φ3.0mm x L56mm A90: φ3.0mm x L90mm	F30: φ3.5mm x L30mm F35: φ3.5mm x L35mm F35: φ3.5mm x L40mm F35: φ3.5mm x L54mm
G18: φ2.4mm x L18mm G25: φ2.4mm x L25mm G30: φ2.4mm x L30mm	K40: φ4.0mm x L40mm K45: φ4.0mm x L45mm K54: φ4.0mm x L54mm K75: φ4.0mm x L75
C1: 90mm x 16mm x 9mm C2: 106mm x 79mm x 10mm C3: 125mm x 96mm x 15mm C4: 145mm x 116mm x 18mm	C5: 130mm x 127mm x 30mm C6: 130mm x 127mm x 59mm C7: 483mm x 440mm x 44mm

Ordering Information

CP	Type	Wavelength	Coupler Ratio	Port	Pack- age	Fiber Type	Cable Type	Fiber Length	Connector
CP	S=Standard	85=850	50=50/50	12=1x2	A40	S=SMF-28	B=250um	10=1.0m	NE=None
	W=Wide-Band	98=980	01=01/99	22=2x2	.	fiber		15=1.5m	FA=FC/APC
	D=Dual-Window	10=1060	XX=others	13=1x3	A56	M5=50u	L=900um	20=2.0m	FC=FC/PC
	T=Tri-Window	13=1310		14=1x4	.	MM fiber			SA=SC/AP
	SC=Mode Scrambler	15=1550		XX=	F30	M6=62.5u	H=3mm	XX=Others	C
		35=1310/1550		Others	F35	MM fiber			SC=SC/PC
		CL=C+L			.	H1=1060			LC=LC/PC
		XX: Others			G18	Flexcore			XX=Others
					G25	PM=PM			
					.	Panda fiber			
					K40	X= Other			
					K45				
					K54				
					.				
					C1				
				C2					
				.					
				XX					

MINI SIZE WIDE BAND SINGLE MODE COUPLER

Specifications

Parameter	Unit	Value	
Operating Wavelength	nm	1310/1550	
Operating Bandwidth	nm	±40	
Typical Excess Loss	dB	0.1	
Insertion Loss	50/50	dB	≤3.7
	40/60	dB	≤4.7/2.8
	30/70	dB	≤6.1/2.1
	20/80	dB	≤8.0/1.3
	10/90	dB	≤11.5/0.8
	5/95	dB	≤14.8/0.5
	2/98	dB	≤19.2/0.35
1/99	dB	≤22.3/0.35	
PDL	dB	≤0.15	
Directivity	dB	≥55	
Operating Temperature	°C	-40 ~ +85	

Package Information

Configuration	1x2 or 2x2
Fiber Lead Length	1 meter, others on request
Dimension (mm)	φ2.4 x L25; φ2.4 x L30; φ3.0 x L30; φ3.0 x L35; φ3.0 x L40

Package Dimensions for Ordering Information

A30: φ3.0mm x L30mm A35: φ3.0mm x L35mm A40: φ3.0mm x L40mm A56: φ3.0mm x L56mm A90: φ3.0mm x L90mm	F30: φ3.5mm x L30mm F35: φ3.5mm x L35mm F35: φ3.5mm x L40mm F35: φ3.5mm x L54mm
G18: φ2.4mm x L18mm G25: φ2.4mm x L25mm G30: φ2.4mm x L30mm	K40: φ4.0mm x L40mm K45: φ4.0mm x L45mm K54: φ4.0mm x L54mm K75: φ4.0mm x L75
C1: 90mm x 16mm x 9mm C2: 106mm x 79mm x 10mm C3: 125mm x 96mm x 15mm C4: 145mm x 116mm x 18mm	C5: 130mm x 127mm x 30mm C6: 130mm x 127mm x 59mm C7: 483mm x 440mm x 44mm

Ordering Information

CP	Type	Wavelength	Coupler Ratio	Port	Pack- age	Fiber Type	Cable Type	Fiber Length	Connector		
CP	S=Standard W=Wide- Band D=Dual- Window T=Tri- Window SC=Mode Scrambler	85=850	50=50/50	12=1x2	A40	S=SMF-28 fiber	B=250um	10=1.0m	NE=None		
		98=980	01=01/99	22=2x2	.			15=1.5m	FA=FC/APC		
		10=1060	XX=others	13=1x3	A56	M5=50u	L=900um	20=2.0m	FC=FC/PC		
		13=1310		14=1x4	.	MM fiber	H=3mm	XX=Others	SA=SC/AP		
		15=1550		XX= Others	F30	M6=62.5u			C		
		35=1310/1550			F35	MM fiber	SC=SC/PC				
		CL=C+L			.	H1=1060	LC=LC/PC				
		XX: Others					G18	Flexcore			XX=Others
							G25	PM=PM			
							.	Panda fiber			
							.	X= Other			
							K40				
							K45				
							K54				
					.						
					C1						
				C2							
			.								
			XX								

MINI SIZE WAVELENGTH DIVISION MULTIPLEXER (WDM)

Specifications

Parameter	Unit	Type 980/1550 WDM	Type 1310/1550 WDM
Operating Wavelength	nm	980 and 1550	1310 and 1550
Operating Bandwidth	nm	±10/20	±15
Insertion Loss	dB	≤0.2	≤0.25
Isolation	dB	≥20	≥17
PDL	dB	≤0.05	≤0.05
Directivity	dB	≥55	
Operating Temperature	°C	-40 ~ +85	

Package Information

Configuration	1x2 or 2x2	
Fiber Lead Length	0.8 meter, others on request	1 meter, others on request
Dimension (mm)	φ2.4 x L25; φ3.0 x L30; φ3.0 x L35	φ2.4 x L30

Package Dimensions for Ordering Information

A30: φ3.0mm x L30mm A35: φ3.0mm x L35mm A40: φ3.0mm x L40mm A56: φ3.0mm x L56mm A90: φ3.0mm x L90mm	F30: φ3.5mm x L30mm F35: φ3.5mm x L35mm F35: φ3.5mm x L40mm F35: φ3.5mm x L54mm
G18: φ2.4mm x L18mm G25: φ2.4mm x L25mm G30: φ2.4mm x L30mm	K40: φ4.0mm x L40mm K45: φ4.0mm x L45mm K54: φ4.0mm x L54mm K75: φ4.0mm x L75
C1: 90mm x 16mm x 9mm C2: 106mm x 79mm x 10mm C3: 125mm x 96mm x 15mm C4: 145mm x 116mm x 18mm	C5: 130mm x 127mm x 30mm C6: 130mm x 127mm x 59mm C7: 483mm x 440mm x 44mm

Ordering Information

WDMC	Wavelength	Ports	Package	Fiber Type	Cable Type	Fiber Length	Connector
WDMC	35=1310/1550	12=1x2	A40	S=SMF-28 fiber	B=250um	10= 1.0m	NE=None
	45=1480/1550	22=2x2	.	M5=50um MM fiber	L=900um	15=1.5m	FA=FC/APC
	49=1480/1590		A56	M6=62.5um MM fiber		20=2.0m	FC=FC/PC
	95=980/1550		.	H1=1060 Flexcore	H=3mm	XX=Others	SA=SC/APC
	99=980/1590		F30	PM=PM Panda fiber			SC=SC/PC
	05=1064/1550		F35	X=Others			LC=LC/PC
	XX=Others		.				XX=Others
			.				
			G18				
			G25				
			.				
			K40				
			K45				
			K54				
			.				
			C1				
			C2				
		.					
		.					
		XX					