

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 fiber	B=250um	10=1.0m	NE=None
	W=Wide-Band	98=980	01=01/99	22=2x2	.	M5=50u	L=900um	15=1.5m	FA=FC/APC
	D=Dual-Window	10=1060	XX=others	13=1x3	A56	MM fiber	H=3mm	20=2.0m	FC=FC/PC
	T=Tri-Window	13=1310		14=1x4	.	M6=62.5u		XX=Others	C
	SC=Mode Scrambler	15=1550	XX=	XX=	F30	MM fiber	C		
		35=1310/1550	Others	Others	F35	H1=1060 Flexcore		LC=LC/PC	XX=Others
		CL=C+L			.	PM=PM			
		XX: Others				G18	Panda fiber		
						G25			
						.	X= Other		
					K40				
					K45				
					K54				
					.				
					C1				
					C2				
					.				
					XX				