

SINGLE MODE SINGLE WINDOW WIDE BAND COUPLER

Specifications

Parameter		Unit	Value
Operating Wavelength		nm	1310 or 1550, others on request
Operating Bandwidth		nm	±40
Typical Excess Loss		dB	0.07
	50/50	dB	≤3.4
Insertion Loss	40/60	dB	≤4.4/2.6
	30/70	dB	≤5.7/1.9
	20/80	dB	≤7.6/1.2
	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 meter, others on request		
Fiber Type	250μm bare fiber	900μm loose tube	900μm/3mm loose tube
Dimension (mm)	φ3.0 x L56	φ3.0 x L56	90 x 16 x 9
	φ3.0 x L40	90 x 16 x 9	106 × 79 × 10

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	Package	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		XX=Others	SA=SC/APC
	SC=Mode Scrambler	15=1550		XX=	F30	M6=62.5u	H=3mm		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					