

## 1X3 (3X3) MONOLITHIC SINGLE MODE SINGLE WINDOW COUPLER

### Specifications

Parameter	Unit	Type 1x3	Type 3x3
Operating Wavelength	nm	1310 or 1550, others on request	
Operating Bandwidth	nm	±15	
Typical Excess Loss	dB	0.1	0.2
Insertion Loss	dB	≤5.4	≤6.0
PDL	dB	≤0.1	≤0.15
Uniformity	dB	≤0.8	≤1.2
Directivity	dB	≥55	
Operating Temperature	°C	-40 ~ +85	

### Package Information

Configuration	1x3 (3x3)
Fiber Lead Length	1 meter, others on request
Fiber Type	250μm bare fiber
Dimension (mm)	φ3.5 x L54 or φ3.5 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	H=3mm	XX=Others	SA=SC/AP
	SC=Mode Scrambler	15=1550	XX= Others	F30	M6=62.5u	Panda fiber			C
		35=1310/1550		F35	H1=1060		Flexcore	LC=LC/PC	
		CL=C+L		.	PM=PM	X= Other			
		XX: Others		G18					
				G25					
				.	K40				
			.	K45					
			.	K54					
			.	C1					
			.	C2					
			.	.					
			.	XX					