

TREE AND STAR SINGLE WINDOW WIDE BAND COUPLER MODULE

Specifications

Parameter	Unit	Type Nx4	Type Nx8	Type Nx16	Type Nx32
		N=1, 2, 4	N=1, 2, 8	N=1, 2	N=1, 2
Operating Wavelength	nm	1310 or 1550, others on request			
Operating Bandwidth	nm	±40			
Insertion Loss	dB	≤6.9	≤10.4	≤13.8	≤17.4
Typical Excess Loss	dB	0.25	0.4	0.55	0.7
PDL	dB	≤0.2	≤0.3	≤0.4	≤0.5
Directivity	dB	≥55			
Operating Temperature	°C	-40 ~ +85			

Package information

Fiber Lead Length	1 meter, others on request			
Fiber Type	900μm, 2mm, 3mm loose tube			
Dimension (mm)	106 x 79 x 10	125 x 96 x 15	145x116x18	145 x 116 x 18
	LGX (1x4) 130 × 127 × 30	LGX (1x8) 130 × 127 × 59	19 Inch Rack (1x8, 1x16, 1x32) 483 × 440 × 44	

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 × 79mm × 10mm C3: 125mm x 96mm x 15mm C4: 145mm x 116mm x 18mm	C5: 130mm × 127mm × 30mm C6: 130mm × 127mm × 59mm C7: 483mm × 440mm × 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=	F30	M6=62.5u			MM fiber
		35=1310/1550	Others		F35	H1=1060		SC=SC/PC	
		CL=C+L			.	Flexcore		LC=LC/PC	
		XX: Others			G18	PM=PM		XX=Others	
					G25	Panda fiber			
					.				
					K40	X= Other			
					K45				
					K54				
					.				
					C1				
				C2					
				.					
				XX					