

Tree and Star Dual Window Coupler Module

Features	
Low excess loss & low IL & Low PDL High stability and reliability	
Application	
Optical communication systems FTTH CATV LAN Network	

Specification

Parameter		N×4 N=1, 2	N×6 N=1,2	N×8 N=1, 2	N×12 N=1,2	N×16 N=1, 2	N×24 N=1, 2	N×32 N=1, 2
Operating wavelength (nm)		1310/1550,						
Operating bandwidth (nm)		±40						
Insertion loss(dB)	P grade	≤7.2	≤9.6	≤10.8	≤13.2	≤14.4	≤16.8	≤18.0
	A grade	≤7.6	≤10.2	≤11.4	≤14.0	≤15.2	≤17.8	≤19.0
Typical excess loss (dB)		0.3	0.4	0.45	0.55	0.6	0.7	0.75
PDL (dB)		≤0.3	≤0.4	≤0.4	≤0.5	≤0.5	≤0.6	≤0.6
Operating temperature (°C)		-20 ~ +70						
Pigtail length		1 meter, others on request						
Fiber type		900μm, 2mm, 3mm loose tube						
Dimensions (L×W×H) (mm)	ABS Box	100×80×10			125×96×16		141×115×18	
		1U LGX (130×127×29) 2U LGX (130×127×58)			19" 1U box (482.6×278×44) 19" 2U box(482.6×278×88)			

Ordering Information

CP	Wavelength	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package	
	S = Single mode standard coupler	P	1x2	532	1/99	250=250um	1=SMF-28e	1=	NC=None	3x54	
		A	2x2	633	2/98	bare fiber	2=50/125	1m	FA=FC/APC	3x40	
	W =Wide band coupler		1x3	780	3/97	900=900um	3=62.5/12.5	X:other		FC=FC/UPC
			1x4	850	loose tube	4=HI1060FLE				
	D =Dual window coupler		1x5	980	50/50	2000=2mm	X			SC=SC/UPC	
			1064		loose tube	5=Panda fiber			LC=LC/UPC	
	T =Three Window coupler				1310		3000=3mm	6=RC Fiber		LA=LC/APC	
					1550		loose tube	7=Others		MU=MU/UPC	
	M =Multimode fiber Coupler				1310/1550					XX=Others	
					1260~1620						