

Tree and Star Wide Band 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 or 1550,						
Operating bandwidth (nm)		±40						
Insertion loss(dB)	P grade	≤6.9	≤9.0	≤10.4	≤12.4	≤13.8	≤15.8	≤17.4
	A grade	≤7.3	≤9.6	≤11.0	≤13.2	≤14.6	≤16.8	≤18.4
Typical excess loss (dB)		0.25	0.3	0.4	0.5	0.55	0.6	0.7
PDL (dB)		≤0.25	≤0.35	≤0.35	≤0.45	≤0.45	≤0.55	≤0.55
Operating temperature (°C)		-20 ~ +70						
Pigtail length		1 meter, others on request						
Pigtail type		900µm, 2mm, 3mm loose tube						
Fiber type		SMF-28e						
Dimensions (L×W×H) (mm)	ABS Box	100×80×10			125×96×16		141×115×18	
	Rack	LGX1U (130×127×29) LGX 2U (130×127×58)			19" 1U box (482.6×278×44) 19" 2U box(482.6×278×88)			

Ordering Information

CP	Type	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	TW =Wide band Coupler module	P A	1x4 1x6 1x8 1x12 1x16 1x24 1x32 X:other	1310 1550	EVEN XX=Other	900=900um loose tube 2000=2mm loose tube 3000=3mm loose tube	1=SMF-28e	1= 1m X:other	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC MU=MU/UPC XX=Other	100x80x10 125x96x16 141x115x18 LGX 1U LGX 2U 19" 1U 19" 2U