


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		Nx4 N=1, 2	Nx6 N=1,2	Nx8 N=1, 2	Nx12 N=1,2	Nx16 N=1, 2	Nx24 N=1, 2	Nx32 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 (LxWxH) (mm)	ABS Box	100x80x10			125x96x16		141x115x18	
	Rack	LGX1U (130x127x29) LGX 2U (130x127x58)			19" 1U box (482.6x278x44) 19" 2U box(482.6x278x88)			

Ordering Information

CP	Type	Grade	Port Type	Wavelength	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