


## Tree and Star Three Window Coupler Module

<b>Features</b>	
Low excess loss & low IL & Low PDL High stability and reliability	
<b>Application</b>	
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)		1310/1490/1550,						
Operating bandwidth (nm)		1310 ±40, 1490 ±10 and 1550 ±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	
	Rack	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	Type	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	TT=Tree Window Coupler	P A	1x4 1x6 1x8 1x12 1x16 1x24 1x32 X:other	1310/1490/1550	EVEN XX=Other	900=900µm 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