



Tree and Star Wide Band Coupler Module (SWBC)



Overview:

1xN and MxN coupler splitter modules are cascaded with the single mode couplers. These modules are widely used for FTTH, LAN, and CATV optical networks.

Features:

- * Low excess loss
- * Low PDL
- * Low WDL
- * High stability and reliability

Applications:

- * Optical fiber communication systems
- * LAN
- * CATV
- * FTTH

Specification:

Parameter	Type	N × 4		N × 8		N × 16		N × 32	
		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								
Grade	P	A	P	A	P	A	P	A	
Insertion loss (dB)	<6.9	<7.3	<10.4	<11.0	<13.8	<14.6	<17.4	<18.4	
Typical excess loss (dB)	0.25		0.4		0.55		0.7		
PDL (dB)	<0.25		<0.35		<0.45		<0.55		
Directivity (dB)	>55								
Operating temperature (°C)	- 40 ~ +85								
Fiber lead length	1 meter, others on request								
Fiber type	900 μm, 2mm, 3mm loose tube								
Dimensions (L×W×H) (mm)	100 × 80 × 10		100 × 80 × 10		125 × 96 × 16		130 × 100 × 18		

*The above specification is without connector.

*Other specifications can be made on customer request.

Ordering Information:

SWBC-X-XXX-XXX-XX/XX-X-X-XX/XXX-XX*XX

