



Tree and Star Standard Coupler Module (SSSC)



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
- * Good uniformity
- * High stability and reliability

Applications:

- * Optical 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)		±15							
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		0.40		0.55		0.70	
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:

SSSC-X—XXX—XXX—XX/XX—X—X—XX/XXX--XX*XX

