



Single Mode Standard Star Coupler Module SMSC-NxN (SMSC Series)

The SMSC Single Mode Broadband Star Couplers are based on BTF technology. They offer very low insertion loss, low polarization dependence, well controlled uniformity as well as excellent environmental stability. These modules have been extensively used to split and mix optical signals in CATV, LANs and all other kinds of optical communication systems.



Specifications

Parameters	Unit	Values			
		4x4	8x8	16x16	32x32
Configuration		4x4	8x8	16x16	32x32
Grade		P			
Operating Wavelength	nm	1310 or 1550			
Bandwidth	nm	±20			
Max. Insertion Loss	dB	6.7	10.0	13.3	16.6
Max. PDL	dB	0.2	0.3	0.4	0.5
Max. Uniformity	dB	0.8	1.2	1.8	2.4
Directivity	dB	50			
Fiber type		Corning SMF-28			
Operating Temperature		-5 °C to +70 °C			

*The above specification is for module without connector

*For devices with connectors, insertion loss will be 0.3dB higher, RL will be 5dB lower.

Ordering information

SMSC- - - - - -

0404 - 4x4	: Port	P - P grade	: Grade	1 - FC/UPC	: Connector Type	2 - ST/UPC	: Fiber Length
0808 - 8x8		S - Specify		3 - LC/UPC		4 - FC/APC	H - 0.5m
1616 - 16x16				5 - SC/APC		6 - SC/UPC	S - Specify
3232 - 32x32				N - none		S - Specify	
	: Wavelength	A - 100mmx80mmx7mm(For Nx4)	: Package Dimensions		: Fiber Type		
		B - 120mmx96mmx15mm(For NX8)			L - 900um loose tube		
		C - 140mmx116mmx18mm(For Nx16,Nx32)			C - 3mm loose cable		
		D - LGX compatible					
	: Coupling Ratio	S - Specify					
BA - Balance							
01 - 1% Tap/Balance							
05 - 5% Tap/Balance							
SS - Specify							