



Single Mode Wideband Tree Coupler Module SBTC-MxN (M: 1 or 2)

Features

Wide Bandwidth and Low Insertion
Low Insertion Loss
High Quality and Reliability

Applications

Fiber Distribution Network
CATV Network
Test Equipment

Specifications

Parameters	Unit	Values			
Configuration		1 or 2 x 4	1 or 2 x 8	1 or 2 x 16	1 or 2 x 32
Center Wavelength	nm	1310 or 1550			
Operating Wavelength Range	nm	±40			
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	1.2	1.8	2.4	3.0
Min. Directivity	dB	50			
Package Dimensions		106mmX79mmX10mm (for 1, 2x4)			
		125mmX96mmX15mm (for 1, 2x8)			
		145mmX116mmX18mm(for 1, 2x16, 1, 2x32)			
		LGX compatible			
Max. Optical Power (CW)	mW	500			
Max. Tensile Load	N	5			
Fiber Type		SMF-28e Fiber			
Operating Temperature	°C	-5 to +70			
Storage Temperature	°C	-40 to + 85			

*The above specifications are for module without connector.

*For Module with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

Ordering Information

ASBTC- - - - - -

: Wavelength	: Coupling Ratio	: Fiber Jacket on Port 1 & 2
31 - 1310nm	01 - 1/99	L - 900um Loose Tube
55 - 1550nm	05 - 5/95	C - 3mm Loose Cable
SS - Specify	10 - 10/90	S - Specify
	50 - 50/50	
: Port	SS - Specify	: Fiber Length
0104 - 1x4		0.5 - 0.5m
0108 - 1x8	: Connector Type on Port 1 & 2	S - Specify
0116 - 1x16	1 - FC/UPC	
0132 - 1x32	2 - FC/APC	: Package Dimensions
0204 - 2x4	3 - SC/UPC	A - 106mmx79mmx10mm (for 1,2x4)
0208 - 2x8	4 - SC/APC	B - 125mmx96mmx15mm (for 1,2x8)
0216 - 2x16	N - None	C - 145mmx116mmx18mm (for 1,2x16,1,2x32)
0232 - 2x32	S - Specify	D - LGX Compatible
		S - Specify