

Single Mode Dual Window Wideband Tree Coupler Module SDTC-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			
		1 or 2 x 4	1 or 2 x 8	1 or 2 x 16	1 or 2 x 32
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 and 1550			
Operating Wavelength Range	nm	±40			
Max. Insertion Loss	dB	7.0	10.5	14.0	17.5
Max. PDL	dB	0.3	0.45	0.6	0.8
Max. Uniformity	dB	1.6	2.4	3.2	4.0
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

SDTC-①①①①-②②②②-③③-④④-⑤⑤-⑥-⑦

①①①①: Wavelength
3155 - 1310 & 1550nm

②②②②: Port
0104 - 1x4
0108 - 1x8
0116 - 1x16
0132 - 1x32
0204 - 2x4
0208 - 2x8
0216 - 2x16
0232 - 2x32

③③: Coupling Ratio

01 - 01/99
05 - 05/95
10 - 10/90
50 - 50/50
SS - Specify

④④: Connector Type on Port 1 & 2

1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑤⑤: Fiber Jacket on Port 1 & 2

L - 900um Loose Tube
C - 3mm Loose Cable
S - Specify

⑥: Fiber Length

0.5 - 0.5m
S - Specify

⑦: Package Dimensions

A - 106mmx79mmx10mm (for 1, 2x4)
B - 125mmx96mmx15mm (for 1, 2X8)
C - 145mmx116mmx18mm (for 1, 2x16, 1, 2x32)
D - LGX compatible
S - Specify