

SINGLE MODE TREE COUPLER MODULE

Features

- Dual windows operation
- Low loss, WDL & PDL
- Stable & reliable
- Available in both 1x2 & 2x2 configuration

Applications

- Telecommunication networks
- LAN
- CATV network



Specifications

Parameter	Specification				Unit	
Center Wavelength (λ_c)	1310&1550				nm	
Bandwidth	± 40				nm	
Configuration	N*4	N*8	N*16	N*32		
Insertion Loss	Max	6.8	10.2	13.6	17.0	dB
Uniformity	Max	1.0	1.5	2.0	2.5	dB
PDL	Max	0.2	0.3	0.4	0.5	dB
Thermal Stability	Max	0.003	0.004	0.005	0.006	dB/°C
Directivity	Min	55			dB	
Operating Temperature Range	0~+70				°C	
Storage Temperature Range	-40~+85				°C	
Package Dimension (L*W*H)	See Order Information				mm	

1. All values referenced without connector.
2. N=1 or 2.

Order Information

WFCM - A - B - C - D

A	Configuration	14: 1x4 24: 2x4
B	Center Wavelength	A: 106mm*79mm*10mm B: 125mm*96mm*15mm C: 145mm*116mm*18mm
C	Fiber Type	1: 900 μ m loose tube fiber 2: 3mm cable 3: 2mm cable
D	Connector Type	0: Without connector 1: FC/PC 2: FC/UPC 3: FC/APC 4: SC/PC 5: SC/UPC 6: SC/APC 7: ST 8: LC 9: MU X: Customized