

C-TD DUAL WINDOW TREE COUPLERS

Features:

- Low insertion loss
- Customized packaging available
- Environmentally stable

Applications:

- Telecommunications
- Local area network
- FTTH deployments
- Video transmission
- Fiber optic sensing
- Testing instruments



Performance Specifications:

ITEM		Dual Window Tree Couplers							
Port Configuration		1(2) x 4		1(2) x 8		1(2) x 16		1(2) x 32	
Operating Wavelength, nm		1310 ± 40 and 1550 ± 40							
Grade		H	A	H	A	H	A	H	A
Maximal Insertion Loss, dB		7.2	7.6	11.0	11.7	14.5	15.5	18.5	20.0
Uniformity, dB		0.9	1.4	2.1	3.2	2.6	4.0	3.0	6.0
Directivity, dB		≥50							
Reflectance, dB		≥50							
Operating Temperature, °C		-40 ~ +85 (*)							
Storage Temperature, °C		-55 ~ +85							
Package Options	1. coated fiber (250μm)	A2, MA, MB, M3	A3, MA, MB, M3	A5, MA, MB, M1	A5, M1, M2				
(for different pigtailed)	2. loose tube (900μm)	A2, MA, MB, M3	A3, MA, MB, M3	A5, MA, MB, M1	A5, M1, M2				
	3. PVC cable (3.0mm)	A2, MA, MB, M3	A3, MA, MB, M3	A5, MA, MB, M1	A5, M1, M2				

Note: 1. The packaging option codes are explained in Appendix.

2. * 0°C ~ +70°C for 900μm, 2.0mm, or 3.0mm cable.

3. I.L.: Without Connector Loss.

DUAL WINDOW TREE COUPLERS

Ordering Information:

C - TD - - - - - 35 - /

Fiber type

- A Corning SMF-28e+
- J G.657. A1 fiber

Package Option Fiber type

- C A2/A3/A5 with coated fiber
- D MA/MB/M1/M2/M3 with coated fiber
- L A2/A3/A5 with loose tube cable
- M MA/MB/M1/M2/M3 with loose tube cable
- O A2/A3/A5 with PVC 2.0mm cable
- Q A2/A3/A5 with PVC 3.0mm cable
- R MA/MB/M1/M2/M3 with PVC 3.0mm cable
- S MA/MB/M1/M2/M3 with adaptors
- X Others, please specify

Input Port No.

- 01 1
- 02 2

Grade

- H High
- A Average

Output Port No.

Please specify desired port number in two digits.

Pigtail Length (for each port)

- | | | | |
|----|-----------|----|------------------------|
| 10 | 1 meter | 05 | 0.5 meter |
| 20 | 2 meter | 15 | 1.5 meter |
| 00 | Modulized | XX | others, please specify |

Connector Type (Input / Output)

- | | | | |
|----|------------------------|----|-------------|
| FC | FC type | AP | FC/APC type |
| SC | SC type | AS | SC/APC type |
| ST | ST type | LC | LC type |
| MU | MU type | NC | None |
| XX | Others, please specify | | |