

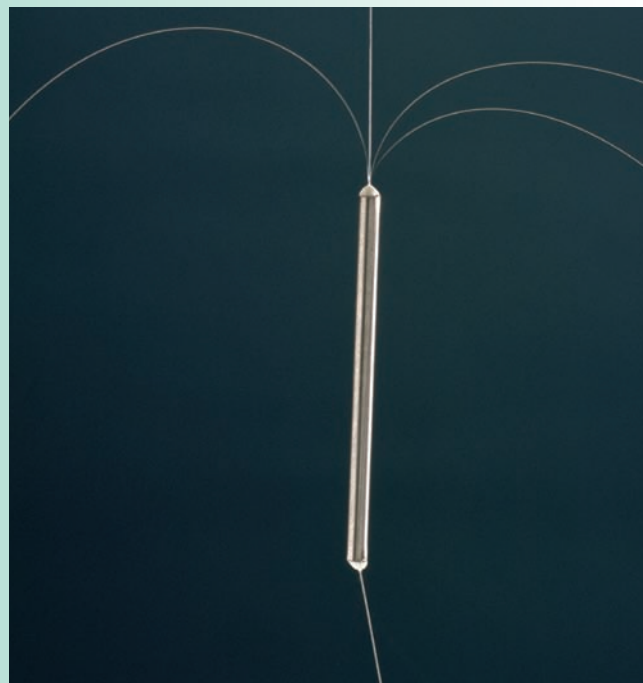
# C-UD UNITARY 1X3/1X4 DUAL WINDOW COUPLERS

## Features:

- Low insertion loss
- High uniformity
- Customized packaging available
- Environmentally stable

## Applications:

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



## Performance Specifications:

ITEM		1x3 / 1x4 Unitary Dual Wideband Couplers (equal ratio)	
Operating Wavelength, nm		1310 ± 40 and 1550 ± 40	
Port Configuration		1 x 3	1 x 4
Maximal Insertion Loss, dB		5.4	7.5
Maximal Uniformity, dB		1.0	1.5
Excess Loss, dB (typical)		0.15	0.30
Polarization Stability, dB		0.30	
Minimum Return Loss, dB		50	
Operating Temperature, °C		-40 ~ +85 (*)	
Storage Temperature, °C		-55 ~ +85	
Package Options (for different pigtailed)	1. coated fiber (250μm)	3*55mm	
	2. loose tube (900μm)	4*70mm	

Note: 1. The packaging option codes are explained in Packaging Dimensions below.

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

3. I.L.: Without Connector Loss.

# UNITARY 1x3 / 1x4 DUAL WINDOW WIDEBAND COUPLERS

## Ordering Information:

C - UD -   -   -  -    -   -   /

### Fiber Type

- |   |                        |   |                 |
|---|------------------------|---|-----------------|
| A | Corning SMF-28e+       | J | G.657. A1 fiber |
| X | Others, please specify |   |                 |

### Package Option

- |   |  |
|---|--|
| C | Metal tube with coated fiber           |
| L | Metal tube with 900μm loose tube cable |

### Coupling Ratio

- |    |                                   |    |          |
|----|-----------------------------------|----|----------|
| 25 | 25:25:25:25                       | 33 | 33:33:33 |
| XX | Please specify the different port |    |          |

### Grade

- |   |         |
|---|---------|
| H | High    |
| A | Average |

### Input Port Number

- |    |     |
|----|-----|
| 13 | 1x3 |
| 14 | 1x4 |

### 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 |

### Wavelength

- |    |               |
|----|---------------|
| 35 | 1310 / 1550nm |
|----|---------------|

### 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 |    |             |