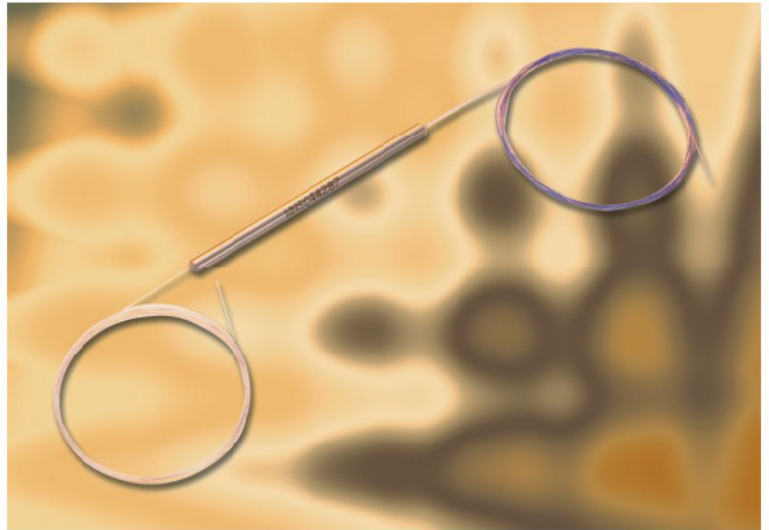


# DUAL-WINDOW WIDEBAND COUPLER **C-WD**

## Features

- ◆ Low insertion loss
- ◆ High port isolation
- ◆ Custom-defined specifications
- ◆ Environmentally stable



| ITEM                                       | Dual-Window Wideband Coupler                                |            |
|--|---|------------|
| Operating Wavelength, nm                   | 1310±40 and 1550±40   |            |
| Grade                                      | Super (S)   | High (H)   |
| Typical Excess Loss, dB                    | 0.08  | 0.2        |
| Uniformity, dB (50:50)                     | 0.8   | 1.2        |
| Thermal Stability, dB (peak-peak)          | <0.2  | <0.3       |
| Polarization Stability, dB                 | <0.10   | <0.15      |
| Port Configuration                         | 1 x 2 or 2 x 2  |            |
| Coupling Ratio                             | 1:99 to 50:50, (50:50 standard)                             |            |
| Insertion Loss, dB                         | Please refer to the coupling ratio vs. Insertion loss chart |            |
| Directivity, dB                            | >50 (1 x 2), >60 (2 x 2)                                    |            |
| Reflectance, dB                            | <-55  |            |
| Operating Temperature, °C                  | -40 ~ +85 <sup>(*)</sup>                                    |            |
| Storage Temperature, °C                    | -55 ~ +85   |            |
| Package Options (for different pigtailing) | 1. coated fiber (250µm)                                     | T5, MA, MB |
|  | 2. loose tube (900µm)                                       | TA, MA, MB |
|  | 3. PVC cable (3.0mm)  | A1, MA, MB |

Note: 1. The packaging option codes are explained in Packaging Dimensions below.  
 2. \* -20°C ~ +70°C for PVC cable.

**C-WD-A**  -  -  -  -  -  - **35** -  /

### ■ Pigtail Type (for both ends)

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| C.....T5 with coated fiber        | Q..... A1 with PVC 3.0mm cable   |
| D.....MA/MB with coated fiber     | R.....MA/MB with PVC 3.0mm cable |
| L.....TA with loose tube cable    | S.....MA/MB with adaptors        |
| M.....MA/MB with loose tube cable | X.....Others, please specify     |

### ■ Coupling Ratio

00 ~ 50.....Please specify

### ■ Grade

S.....Super H.....High

### ■ Port Configuration

12.....1 x 2 22.....2 x 2

### ■ Pigtail Length (for each port)

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

### ■ Connector Type (for both ends)

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