

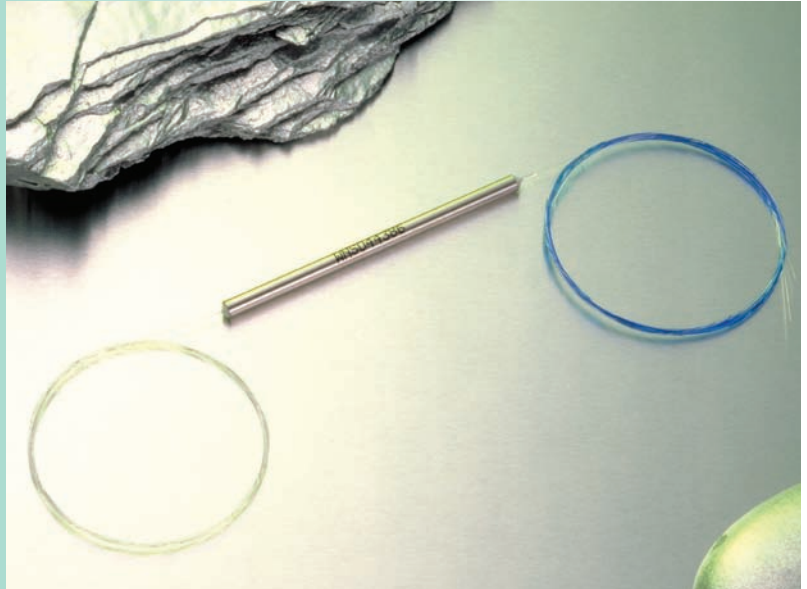
C-UW UNITARY 1X3 WIDEBAND COUPLERS

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 | | Unitary 1 x 3 Wideband Couplers (33:33:33) | |
|--|-------------------------|--|-------------|
| Operating Wavelength, nm | | 1310 ± 30 or 1550 ± 30 | |
| Port Configuration | | 1 x 3 | |
| Grade | | High (H) | Average (A) |
| Maximal Insertion Loss, dB | | 5.8 | 6.3 |
| Maximal Uniformity, dB (33:33:33) | | 1.2 | 1.7 |
| Thermal Stability, dB (peak-peak) | | ≤0.4 | |
| Polarization Stability, dB | | ≤0.2 | |
| Directivity, dB | | ≥50 | |
| Reflectance, dB | | ≥50 | |
| Operating Temperature, °C | | -40 ~ +85 (*) | |
| Storage Temperature, °C | | -55 ~ +85 | |
| Package Options (for different pigtailed) | 1. coated fiber (250μm) | T3, A2, MA, MB, M3 | |
| | 2. loose tube (900μm) | TC, A2, MA, MB, M3 | |
| | 3. PVC cable (3.0mm) | A2, MA, MB, M3 | |

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.

4. Coupling Ratio: 33:33:33 (standard) or customer specify.

UNITARY 1 x 3 WIDEBAND COUPLERS

Ordering Information:

C - UW - □□ - □□ - □ - 01 - □□ - □□ - □□ / □□

Fiber Type

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

Package Option

| | |
|---|--------------------------------|
| C | T3 with coated fiber |
| D | A2/MA/MB with coated fiber |
| L | TC with loose tube cable |
| M | A2/MA/MB with loose tube cable |
| O | A2 with PVC 2.0mm cable |
| Q | A2 with PVC 3.0mm cable |
| R | MA/MB with PVC 3.0mm cable |
| S | MA/MB with adaptors |
| X | Others, please specify |

Coupling Ratio

05 ~ 45 Please specify the different port

Grade

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

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

| | |
|----|--------|
| 13 | 1310nm |
| 15 | 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 | | |