



Mini Size 1x4 Monolithic Dual Window Coupler (DWC)



Overview:

Mini size 1x4 monolithic dual window coupler features compact package size, low insertion loss, and high reliability performance. These couplers could replace the dual window coupler modules used in FTTH and other communication systems.

Features:

- * Mini package size
- * Low insertion loss
- * Dual operating window
- * High stability and reliability

Applications:

- * Fiber communication systems
- * FTTH
- * Testing instruments

Specification:

| Type | Mini size 1×4 DWC | |
|---------------------------|-------------------|-------|
| Parameter | | |
| Operating wavelength (nm) | 1310 and 1550 | |
| Operating bandwidth (nm) | ± 40 | |
| Grade | P | A |
| Typical excess loss (dB) | 0.25 | 0.4 |
| Insertion loss (dB) | ≤7.2 | ≤7.5 |
| PDL (dB) | ≤0.25 | ≤0.35 |
| Uniformity (dB) | ≤1.5 | ≤2.0 |
| Directivity(dB) | ≥55 | |
| Operating temperature(°C) | - 40 ~ + 85 | |

*Other specifications can be made on customer request.

Package Information:

| | | |
|-------------------|----------------------------|-------------|
| Configuration | 1×4 | |
| Fiber lead length | 1 meter, others on request | |
| Fiber type | 250μm bare fiber | |
| Dimensions (φ×L) | φ3.0mm×35mm | φ2.4mm×30mm |

*Other package dimensions can be made on customer request.