

Mini Size Multi-Mode Fiber Coupler

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| Features | |
| Low excess loss & low IL Broad Operating Band High stability and reliability | |
| Application | |
| Multi-mode fiber communication systems LAN Testing instrument Optical fiber sensors | |

Specifications

| Grade | | P | A |
|----------------------------|-------|-----------------------|-----------|
| Parameter | | | |
| Operating wavelength (nm) | | 850 or 1310, 850/1310 | |
| Operating bandwidth (nm) | | ±40 | |
| Typical excess loss (dB) | | 0.4 | 0.7 |
| Insertion loss (dB) | 50/50 | ≤3.8/3.8 | ≤4.1/4.1 |
| | 40/60 | ≤4.8/2.8 | ≤5.1/3.1 |
| | 30/70 | ≤6.1/2.2 | ≤6.4/2.5 |
| | 20/80 | ≤7.9/1.5 | ≤8.2/1.8 |
| | 10/90 | ≤11.3/1.0 | ≤11.7/1.3 |
| | 5/95 | ≤14.6/0.8 | ≤15.1/1.1 |
| | 2/98 | ≤18.7/0.7 | ≤19.5/1.0 |
| | 1/99 | ≤22.1/0.6 | ≤22.9/0.9 |
| Uniformity (50/50) (dB) | | ≤0.8 | ≤1.0 |
| Directivity (dB) | | ≥40 | |
| Operating temperature (°C) | | -40 ~ +85 | |

Package Information

| | |
|-----------------|-----------------------|
| Configuration | 1x2 or 2x2 |
| Fiber length | 1m, others on request |
| Fiber Type | 50/125, 62.5/125 |
| Pigtail type | 250µm bare fiber |
| Dimensions (mm) | φ3.0×35 |

Ordering Information

| CP | Type | Grade | Port Type | Wavelength (nm) | Coupling Ratio | Pigtail Type | Fiber Type | Length | Connector | Package | Light source |
|----|----------------------------|--------|------------|-------------------------|--|----------------------|-------------------------|-------------------|--|---------|----------------------|
| | M=Multi mode fiber Coupler | P A | 1x2 2x2 | 850 1310 850/1310 | 1/99 2/98 3/97 50/50 | 250=250µm bare fiber | 2=50/125 3=62.5/12.5 | 1= 1m X: other | NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Others | 3x35 | L=LED V=VSC EL |