

980/1550nm Wavelength Division Multiplexer Coupler

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| Features | |
| Low IL & Low PDL High Isolation High stability and reliability | |
| Application | |
| EDFA Testing Equipment | |

Specifications

| Parameter \ Type | 980/1550,980/1590 WDMC | | 980/1550nm Mixed Fiber WDMC | |
|----------------------------|------------------------------|-------|-----------------------------|-------|
| Operating wavelength (nm) | 980 and 1550 980 and 1590 | | 980 and 1550 | |
| Operating bandwidth (nm) | ±10/20 | | ±15 | |
| Grade | P | A | P | A |
| Insertion loss (dB) | ≤0.15 | ≤0.25 | ≤0.25 | ≤0.35 |
| Isolation (dB) | ≥20 | ≥18 | ≥20 | ≥18 |
| PDL (dB) | ≤0.05 | ≤0.1 | ≤0.05 | ≤0.1 |
| Directivity (dB) | ≥55 | | | |
| Operating temperature (°C) | -40 ~ +85 | | | |

Package Information

| | | | | |
|----------------|-------------------------|---|------------------|---|
| Configuration | | 1x2 or 2x2 | | |
| Fiber length | | 0.8m, others on request | | |
| Fiber Type | Common port & Pump Port | Corning HI1060flex or OFS BF05635-02 | | Corning HI1060flex or OFS BF05635-02 |
| | Signal Port | Corning HI1060flex or OFS BF05635-02 | | Corning SMF-28e |
| Pigtail type | | 250µm bare fiber | 900µm loose tube | 900µm/2mm/3mm loose tube |
| Dimensions(mm) | | φ3.0×54 φ3.0×40 | φ3.0×54 | 90×14×8.5 or 90×16×9 |

Ordering Information

| WDMC | Grade | Wavelength | Port | Pigtail Type | Fiber Type | Length | Connector | Packag e |
|------|--------|-------------------------------|------------|--|---|-------------------------|---|----------------------|
| | P A | 980/1550 980/1590 XX/XX | 1x2 2x2 | 250=250um bare fiber 900=900um loose tube 2000=2mm loose tube 3000=3mm loose tube | 1=SMF-28 4=HI1060F LEX X=Other | 0.8= 0.8m X:other | NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other | 3x54 3x40 |