

980/1064nm Fused WDM Coupler for Pulse Power

FEATURES

- Low Excess Loss
- Variety Coupling Ratio
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

APPLICATIONS

- LAN WAN Systems
- Signal Monitoring
- Network Monitoring
- CATV
- Test Equipments



SPECIFICATIONS

| Parameter | Unit | Value |
|----------------------------|------|---|
| Center Wavelength | nm | 980/1064 |
| Bandwidth | nm | +/-5 |
| Insertion Loss | dB | ≤0.45 |
| Isolation | dB | ≥15 |
| Optical Return Loss | dB | ≥40 |
| Directivity | dB | ≥50 |
| Fiber Type | - | HI1060 Fiber, HI1060 Flex Fiber |
| Fiber Tensile Load | N | 5 |
| Max. Average Optical Power | W | 0.3, 1, 3, 5, 10 |
| Max. Peak Power | kW | 0.1, 1, 3, 5, 10 |
| Operating Temperature | °C | 0~50 |
| Storage Temperature | °C | -40~85 |
| Package Dimension | mm | (Φ)3.0x60 for Bare Fiber (Φ)3.0x76 for 900um Loose Fiber |

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.5dB higher, RL is 5dB lower.
 3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 4. Devices for higher optical power or with other type fiber or consigned fiber are also available.

ORDERING INFORMATION (PN)

| | | | | | | | | | | | | | |
|--------------------------|----------------------------|---|------------------------------|-------------------------------|--|-------------------------------|--|-----------|----------|----------|-----------|----------|---------------|
| FCLD- | NNNN | - | N | C | -H | NN | P | NN | - | C | NN | - | CC/CCC |
| Center Wavelength | Configuration | Fiber Type | Average Power | Peak Power | Fiber Sleeve | Fiber Length | Connector Type | | | | | | |
| 9806= 980/1064nm | 1= 1x2 Type 2= 2x2 Type | H= HI1060 Fiber F= HI1060 Flex Fiber | 03= 300mW 2= 2W 10=10W | 01= 100W 2= 2kW 10=10kW | B= 250um Bare Fiber L= 900um Loose Tube | 10=1.0m 15=1.5m 20=2.0m | N=Without Connector FC/APC=FC/APC Connector LC/PC =LC/PC Connector | | | | | | |