

980/1064nm High Power Fused WDM Coupler

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
Maximum Optical Power (CW)	W	1, 2, 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	-HP	NN	-	C	NN	-	CC/CCC
	Center Wavelength		Configuration	Fiber Type		Optical Power		Fiber Sleeve	Fiber Length		Connector Type
	9806- 980/1064nm		1- 1x2 Type 2- 2x2 Type	H- HI1060 Fiber F- HI1060 Flex Fiber		1- 1W 2- 2W 10-10W		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