

# 808/980nm Fused WDM Coupler

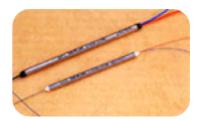
### **FEATURES**

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

#### **SPECIFICATIONS**

#### **APPLICATIONS**

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



Parameter	Unit	Value		
Center Wavelength	nm	808/980		
Bandwidth	nm	+/-5		
Insertion Loss	dB	≤1.0		
Isolation	dB	≥13		
Optical Return Loss	dB	≥40		
Directivity	dB	≥50		
Fiber Type	-	HI780C Fiber		
Fiber Tensile Load	N	5		
Maximum Optical Power (CW)	mW	300		
Operating Temperature	°C	0~50		
Storage Temperature	°C	-40~85		
Packago Dimension		(Φ)3.0x60 for Bare Fiber		
Package Dimension	mm	(Φ)3.0x70 for 900um Loose Tube		

Note: 1. Specifications are for device without connectors; Specifications may change without notice.

2. To add connectors, IL is 0.7dB higher, RL is 5dB lower.

3. Devices for higher optical power or with other type fiber or consigned fiber are also available.

## **ORDERING INFORMATION (PN)**

FCLD	- NNNN	- N	-	С	NN	-	CC/CCC
	Center Wavelength	Configuration		Fiber Sleeve	Fiber Length		Connector Type
	8098= 808/980nm	<mark>1</mark> = 1x2 Type		B= 250um Bare Fiber	<mark>10</mark> =1.0m		N =Without Connector
		<mark>2</mark> = 2x2 Type		L= 900um Loose Tube	<mark>15</mark> =1.5m		FC/APC=FC/APC Connector
					<mark>20</mark> =2.0m		LC/PC =LC/PC Connector

