

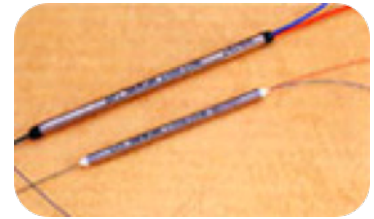
## 808/900nm Fused WDM Coupler

### 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	808/900
Bandwidth	nm	+/-3
Insertion Loss	dB	≤0.8
Isolation	dB	≥15
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
Package Dimension	mm	(Φ)3.0x60 for Bare Fiber (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)

<b>FCLD-</b>	<b>NNNN</b>	-	<b>N</b>	-	<b>C</b>	<b>NN</b>	-	<b>CC/CCC</b>
<b>Center Wavelength</b>	<b>Configuration</b>				<b>Fiber Sleeve</b>	<b>Fiber Length</b>		<b>Connector Type</b>
8090= 808/900nm	1= 1x2 Type 2= 2x2 Type				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