

## 1880/2150nm 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
Wavelength Range Channel 1	nm	1880+/-10
Wavelength Range Channel 2	nm	2150+/-10
Insertion Loss	dB	≤1.0
Isolation	dB	≥15
Optical Return Loss	dB	≥40
Directivity	dB	≥50
Fiber Type	-	SMF-28 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
Stainless Steel Tube (SST)		(Φ)3.0x76 for 900um Loose Tube
Metal Box		(L)120x(W)12x(H)10 for 2mm/3mm Cable

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.3dB 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-NNNNNNNN</b>	-	<b>N</b>	-	<b>(C)</b>	<b>C</b>	<b>NN</b>	-	<b>CC/CCC</b>
<i>Center Wavelength</i>		<i>Configuration</i>		<i>Package</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>		<i>Connector Type</i>
18802150= 1880/2150nm		1= 1x2 Type 2= 2x2 Type		M= Metal Box Blank for SST	B= Bare Fiber L= Loose Tube 2= 2mm Cable 3= 3mm Cable	05= 0.5m 10= 1.0m 15= 1.5m 20= 2.0m		N= Without Connector FC/APC= FC/APC Connector LC/PC= LC/PC Connector SC/UPC= SC/UPC Connector