

810/1310nm 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 Equipment



SPECIFICATIONS

Parameter	Unit	Value
Wavelength Range 1	nm	810+/-5
Wavelength Range 2	nm	1310+/-10
Insertion Loss	dB	≤1.0
Isolation	dB	≥13
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 (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 0.3dB higher, RL is 5dB lower.
 3. 810nm transmits as low order modes in SMF-28 Fiber.
 4. Devices for higher optical power or with other type fiber or consigned fiber are also available.

ORDERING INFORMATION (PN)

FCLD - NNNN	- N	- C	NN	- CC/CCC
<i>Center Wavelength</i>	<i>Configuration</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
8113 = 810/1310nm	1 = 1x2 Type 2 = 2x2 Type	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