

1310-1650/2000nm 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 Channel 1	nm	1310±20, 1550±20, 1590±20, 1625±10
Wavelength Range Channel 2	nm	1900±10, 1950±20, 2000±20, 2050±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	Stainless Steel Tube (SST)	(Φ)3.0x60 for Bare Fiber
		(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)

FCLD-	NN	NN	- N	- (C)	C	NN	-CC/CCC
<i>Center Wavelength1</i>	<i>Center Wavelength2</i>	<i>Configuration</i>	<i>Package</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>	
15=1550nm	90=1900nm	1= 1x2 Type	M=Metal Box	B=Bare Fiber	05=0.5m	N=Without Connector	
13=1310nm	19=1950nm	2= 2x2 Type	Blank for SST	L=Loose Tube	10=1.0m	FC/APC=FC/APC Connector	
59=1590nm	20=2000nm			2=2mm Cable	15=1.5m	LC/PC=LC/PC Connector	
62=1625nm	25=2050nm			3=3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector	