

915/1030~1150nm 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 1	nm	915	
Center Wavelength 2	nm	1030, 1064, 1070, 1080, 1092, 1120, 1150	
Bandwidth	nm	+/-5	
Insertion Loss	dB	≤0.9	
Isolation	dB	≥15	
Optical Return Loss	dB	≥40	
Directivity	dB	≥50	
Fiber Type	-	HI1060 Fiber or HI1060 Flex Fiber 10/125um SC 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) Metal Box	mm	(Φ)3.0x60 for Bare Fiber
			(Φ)3.0x76 for 900um Loose Tube
			(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 0.5dB 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)	C	NN	-CC/CCC
Wavelength1	Wavelength2		Configuration	Fiber Type	Package	Fiber Sleeve	Fiber Length	Connector Type
91=915nm	03=1030nm		1=1x2 Type	H= HI1060 Fiber	M=Metal Box	B= Bare Fiber	05=0.5m	N=Without Connector
	06=1064nm		2=2x2 Type	F= HI1060 Flex Fiber	Blank for SST	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
	12=1120nm			E= 10/125 SC Fiber		2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
	50=1150nm					3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector