

915/1030~1150nm High Power 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)	W	1, 2, 3, 5, 10, 15, 20, 25, 30
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package	Stainless Steel Tube (SST)	(Φ)3.0x60 for Bare Fiber
Dimension	Metal Box	(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. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 4. Devices for higher optical power or with other type fiber or consigned fiber are also available.

ORDERING INFORMATION (PN)

FCLD-NN	NN	-	N	C	-HP NN	-(C)	C	NN	-CC/CCC
Wavelength1	Wavelength2	Configuration	Fiber Type	Optical Power	Package	Fiber Sleeve	Fiber Length	Connector Type	
91- 915nm	06-1064nm	1- 1x2 Type	H- HI1060 Fiber	1- 1W	M- Metal Box	B- Bare Fiber	05-0.5m	N- Without Connector	
	08-1080nm	2- 2x2 Type	F- HI1060 Flex Fiber	5-5W	Blank for SST	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector	
	12-1120nm		E- 10/125 SC Fiber	10-10W		2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector	
	50-1150nm			30- 30W		3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector	