

## Fused High Power 1310/1550nm 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	nm	1310/1550	1480/1550
Passband Width	nm	+/-20	+/-5
Insertion Loss	dB	≤0.50	≤0.6
Isolation	dB	≥16	≥10
PDL	dB	≤0.20	
Optical Return Loss	dB	≥40	
Directivity	dB	≥50	
Fiber Type	-	SMF-28 Fiber	
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20, 25, 30	
Operating Temperature	°C	0~70	
Storage Temperature	°C	-40~85	
Package	Stainless Steel Tube (SST)	mm	(Φ)3.0x54
Dimension	Plastic Box	mm	(L)98x(W)14x(H)8.5

- 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. 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	-HP NN	-(C)	C	NN	-CC/CCC
Wavelength1	Wavelength2	Configuration	Optical Power	Package	Fiber Sleeve	Fiber Length	Connector Type
13= 1310nm	15=1550nm	1= 1x2 Type	1= 1W	B=Plastic Box	B= Bare Fiber	05=0.5m	N=Without Connector
14= 1480nm		2= 2x2 Type	5= 5W	Blank for SST	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
			10=10W		2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
			30= 30W		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector