

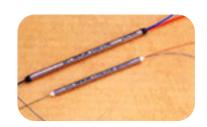
Fused High Power 1310/1550nm WDM Coupler

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 PI	astic 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)	С	NN	-CC/CCC
Wavelength 1	Wavelength2	Configuration	Optical Power	Package	Fiber Sleeve	Fiber Length	Connector Type
<mark>13</mark> = 1310nm	15=1550nm	1= 1x2 Type	1- 1W	B=Plastic Box	B= Bare Fiber	05=0.5m	N=Without Connector
<mark>14=</mark> 1480nm		2= 2x2 Type	5- 5W	<i>Blank</i> 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





