

Fused 1310/1480/1550nm 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)	mW	300	
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. 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>Wavelength1</i>	<i>Wavelength2</i>		<i>Configuration</i>	<i>Package</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>		<i>Connector Type</i>
	13- 1310nm	15- 1550nm		1- 1x2 Type	B=Plastic Box	B= Bare Fiber	05-0.5m		N=Without Connector
	14- 1480nm			2- 2x2 Type	Blank for SST	L= Loose Tube	10-1.0m		FC/APC=FC/APC Connector
						2- 2mm Cable	15-1.5m		LC/PC=LC/PC Connector
						3- 3mm Cable	20-2.0m		SC/UPC=SC/UPC Connector