980/1030~1056nm 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	976, 980
Center Wavelength 2		nm	1030, 1036, 1040, 1050, 1053, 1056
Bandwidth		nm	+/-5
Insertion Loss		dB	≤0.8
Isolation		dB	≥13
Optical Return Loss		dB	≥40
Directivity		dB	≥50
Fiber Type		-	HI1060 Fiber or HI1060 Flex Fiber (F) 10/125um SC Fiber (E) or 10/125um DC Fiber (O) NA=0.075
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)	mm	ΦD3.0xL60 for Bare Fiber
			ΦD3.0xL76 for 900um Loose Tube
	Metal Box		L120xW12xH10 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; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

4. Package size may be different for different optical power and fiber type.

Ordering Information (PN)

FCLD-NN NN - N (C) (C) - (C) (C) C NN -CC/CCC

Wavelength1	Wavelength2	Configuration	Mode	Fiber(2.1)	Package	Fiber (Com&2.2)	Fiber Sleeve	Fiber Length	Connector Type
98= 980nm	03=1030nm	1= 1x2 Type	M= Mux	I=HI1060 Fiber	M=Metal Box	F= HI1060 Flex Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
97= 976nm	1036=1036nm	2= 2x2 Type	D= Demux	F= HI1060 Flex Fiber	*Blank* for SST	E= 10/125um SC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
03=1030nm	1056= 1056nm		*Blank* for Both	*Blank* for Same Fiber		O= 10/125um DC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
05=1050nm	97= 976nm					*Blank* for HI1060 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector