

Fused Pump 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	980/1550	1480/1550
Passband Width	nm	+/-10	+/-5
Insertion Loss	dB	≤0.5	≤0.6
Isolation	dB	≥18	≥10
Polarization Dependent Loss	dB	≤0.20	≤0.20
Optical Return Loss	dB	≥40	
Directivity	dB	≥50	
Fiber Type	-	HI1060 Fiber, HI1060 Flex Fiber	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 Dimension	mm	(Φ)3.0x56	

- 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.

ORDERING INFORMATION (PN)

FCLD-	NNNN	-	N	(C)	-	C	NN	-	CC/CCC
	Center Wavelength		Configuration	Fiber Type		Fiber Sleeve	Fiber Length		Connector Type
	9815= 980/1550nm		1= 1x2 Type	H= HI1060 Fiber		B= 250um Bare Fiber	10=1.0m		N =Without Connector
	1415= 1480/1550nm		2= 2x2 Type	F= HI1060 Flex Fiber		L= 900um Loose Tube	15=1.5m		FC/APC=FC/APC Connector
				Blank for 1480/1550nm			20=2.0m		LC/PC =LC/PC Connector