

1150/1200nm Fused WDM Coupler for Pulse Power

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
Wavelength Range Channel 1	nm	1150+/-3
Wavelength Range Channel 2	nm	1200+/-3
Insertion Loss	dB	≤1.0
Isolation	dB	≥13
Optical Return Loss	dB	≥40
Directivity	dB	≥50
Fiber Type	-	HI1060 Flex Fiber
Fiber Tensile Load	N	5
Maximum Average Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30
Max. Peak Power for Pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package	Stainless Steel Tube (SST)	(Φ)3.0x60 for Bare Fiber
Dimension	Metal Box	(Φ)3.0x76 for 900um Loose Tube
		(L)120x(W)12x(H)10 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. 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-11501200-	N	-H	NN	P	NN	-	(C)	C	NN	-	CC/CCC
	<i>Configuration</i>		<i>Average Power</i>		<i>Peak Power</i>		<i>Package</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>		<i>Connector Type</i>
	1- 1x2 Type		03=300mW		01=100W		M= Metal Box	B= 250um Bare Fiber	05=0.5m		N=Without Connector
	2- 2x2 Type		1= 1W		1= 1kW		Blank for SST	L= 900um Loose Tube	10=1.0m		FC/APC=FC/APC Connector
			10= 10W		10= 10kW			2= 2mm Cable	15=1.5m		LC/PC=LC/PC Connector
			30=30W		20=20kW			3= 3mm Cable	20=2.0m		SC/UPC=SC/UPC Connector