980/1064-1150nm Fused PM 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
Center Wavelength 1		nm	976, 980
Center Wavelength 2		nm	1064, 1070, 1080, 1092, 1120, 1150
Bandwidth		nm	+/-5
Insertion Loss		dB	≤1.0
Isolation		dB	≥15
Extinction Ratio		dB	≥18
Optical Return Loss		dB	≥40
Directivity		dB	≥50
Fiber Type		-	PM980 Panda Fiber or PM1060L Fiber (E) 10/125um PMDC Fiber (O) NA=0.075
Fiber Tensile Load		N	5
Max. Average Optical Power		W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30, 50, 80, 100, 150, 200
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 Dimension	Stainless Steel Tube (SST)	mm	Φ3.0xL60 for Bare Fiber
			Φ3.0xL76 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, ER is 2dB Lower, Connector key is aligned to slow axis.

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; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

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

Ordering Information (PN)

FPCD-NN NN - N (C) (C) - H NN P NN - (C) (C) C NN -CC/CCC

Wavelength1	Wavelength2	Configuration	Mode	Fiber(λ1)	Average Power	Peak Power	Package	Fiber (Com&λ2)	Fiber Sleeve	Fiber Length	Connector Type
98= 980nm	06=1064nm	1= 1x2 Type	M= Mux	S= Corr. SM Fiber	03= 300mW	01= 100W	M=Metal Box	E=PM1060L Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
97= 976nm	08=1080nm	2= 2x2 Type	D= Demux	P= PM980 Fiber	5=5W	5=5kW	*Blank* for SST	O=10/125um PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
12=1120nm	98= 980nm		*Blank* for Both	H=HI1060 Fiber	10=10W	10=10kW		*Blank* for PM980 Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
08=1080nm	09= 1092nm			*Blank* for Same Fiber	30= 30W	20= 20kW			3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector