

## 980/1030nm Fused PM 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
Wavelength Range Channel 1	nm	976±5, 980±5
Wavelength Range Channel 2	nm	1030±5, 1036±5
Insertion Loss	dB	≤1.0
Isolation	dB	≥13
Extinction Ratio	dB	≥17
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
Maximum Optical Power (CW)	mW	300
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package Dimension	Stainless Steel Tube (SST)	mm
	Metal Box	

- 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. 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)

FPCD- NN	NN	-	N	(C)	(C)	-(C)	(C)	C	NN	- CC/CCC
Center Wavelength1	Center Wavelength2	Configuration	Mode	Fiber(λ1)	Package	Fiber (Com&A2)	Fiber Sleeve	Fiber Length	Connector Type	
97- 976nm	03- 1030nm	1- 1x2 Type	M- Mux	S- Corr. SM Fiber	M- Metal Box	E- PM1060L Fiber	B- Bare fiber	05-0.5m	N- Without Connector	
98- 980nm	36- 1036nm	2- 2x2 Type	D- Demux	P- PM980 Fiber	Blank for SSL Tube	O- 10/125um PMDC Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector	
03- 1030nm	97- 976nm		Blank for Both	H- H11060 Fiber		Blank for PM980 Fiber	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector	
36- 1036nm	98- 980nm			Blank for Same Fiber			3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector	