2000nm Fused PM Fiber Coupler/Splitter

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	1900, 1950, 2000, 2050
Bandwidth		nm	+/-10
Excess Loss		dB	≤0.90
Tap Ratio		dB	0.01:99.99, 0.1:99.9, 1:99, 2:98, 5:95 10:90, 20:80, 30:70, 40:60, 50:50
Directivity		dB	≥50
Extinction Ratio		dB	≥18
Fiber Type		-	PM1550 Panda Fiber or PM1950 Fiber (V) 10/130um PMDC Fiber (O)
Fiber Tensile Load		N	5
Max. Optical Power (CW)		mW	300
Operating Temperature		°C	0~50
Storage Temperature		°C	-40~85
Package Dimension	Stainless Steel Tube (SST)	mm	(Φ)3.0x60 for Bare Fiber
			(Φ)3.0x76 for 900um Loose Tube
	Metal Box		(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 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.

3. For 5%≤Tap Ratio≤10%, Tap Port ER is 2dB Lower, for 1%≤Tap Ratio<5%, Tap Port ER is 5dB Lower, for Tap Ratio<1%, Tap Port ER is out of concern.

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)

FPCL-NNNN	- NN	N	-(C)	(C)	C	NN	- CC/CCC
Center Wavelength	*Coupling Ratio.*	*Configuration*	*Package*	*Fiber Type*	*Fiber Sleeve*	*Fiber Length*	*Connector Type*
1900=1900nm	001= 0.1% Ratio	1= 1x2 Type	M=Metal Box	V= PM1950 Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1950=1950nm	05= 5% Ratio	2= 2x2 Type	*Blank* for SST	O=10/130 PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
2000=2000nm	10=10% Ratio			*Blank* for PM1550 Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
2050=2050nm	50= 50% Ratio				3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector