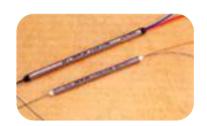
2000nm Fused PM Fiber Coupler/Splitter

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)		
Fiber Type		-	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	Stainland Stool Tube (SST)	mm	⁰ 3.0x [∟] 60 for Bare Fiber		
	Stainless Steel Tube (SST)		^o 3.0x [⊥] 76 for 900um Loose Tube		
	Metal Box		¹ 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	<mark>05=</mark> 0.5m	N=Without Connector
1950=1950nm		05= 5% Ratio	2= 2x2 Type	<i>Blank</i> for SST	0=10/130 PMDC Fiber	L= Loose Tube	10-1.0m	FC/APC=FC/APC Connector
2000-2000nm		10=10% Ratio			<i>Blank</i> 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



