

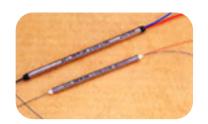
2000nm 1x2/2x2 High Power Fused PM Fiber Coupler/Splitter

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		
тар капо		10:90, 20:80, 30:70, 40:60, 50:50		
Directivity	dB	≥50		
Extinction Ratio	dB	≥18		
Fibor Typo	-	PM1550 Panda Fiber or PM1950 Fiber (V)		
Fiber Type		10/130um PMDC Fiber (O)		
Fiber Tensile Load	N	5		
Maximum Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 10		
Operating Temperature	°C	0~50		
Storage Temperature	°C	-40~85		
Do alka do Ctainleas Ctail Tube (CCT)	mm	(Φ)3.0x60 for Bare Fiber		
Package Stainless Steel Tube (SST)		(Φ)3.0x76 for 900um Loose Tube		
Dimension 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. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
- 4. 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.
- 5. 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.
 - 6. Package size may be different for different optical power and fiber type.

ORDERING INFORMATION (PN)

FPCL - NNNN	- NN	N	-HP NN	- (<mark>C</mark>)	(C)	C	NN	- CC/CCC
Center Wavelength	Coupling Ratio.	Configuration	Optical Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1900- 1900nm	001= 0.1% Ratio	1= 1x2 Type	1- 1W	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	2= 2W	<i>Blank</i> for SST	0= 10/130 PMDC Fiber	L= Loose Tube	<mark>10=</mark> 1.0m	FC/APC=FC/APC Connector
2000=2000nm	10= 10% Ratio		5= 5W		<i>Blank</i> for PM1550 Fiber	2= 2mm Cable	15=1.5m	LC/PC =LC/PC Connector
2050=2050nm	50= 50% Ratio		10-10W			3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector





