

2000nm Fused PM Fiber Coupler/Splitter 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	nm	1900, 1950, 2000, 2050
Bandwidth	nm	+/-10
Excess Loss	dB	≤0.90
Tap Ratio	dB	1±0.5%, 2±0.8%, 5±1.5%, 10±2.3%, 50±5%
Directivity	dB	≥50
Extinction Ratio	dB	≥18
Fiber Type	-	PM1550 Panda Fiber or PM1950 Fiber
Fiber Tensile Load	N	5
Max. Average Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10
Max. Peak Power for Pulse	kW	0.1, 1, 2, 3, 5, 10
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package Dimension	mm	(Φ)3.0x60 (Bare Fiber) (Φ)3.0x76 (900um Loose Tube)

- 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.

ORDERING INFORMATION

FPCL-	NNNN	-	NN	N	-H	NN	P	NN	-	(C)	C	NN	-	CC/CCC
Center Wavelength	Coupling Ratio	Configuration	Average Power	Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type						
1900-1900nm	01- 1% Ratio	1- 1x2 Type	03-300mW	01-100W	V- PM1950 Fiber	B- Bare Fiber	05-0.5m	N -Without Connector						
1950-1950nm	05- 5% Ratio	2- 2x2 Type	1- 1W	1- 1kW	Blank for PM1550 Fiber	L- Loose Tube	10-1.0m	FC/APC-FC/APC Connector						
2000-2000nm	10- 10% Ratio		5- 5W	5- 5kW		2- 2mm Cable	15-1.5m	LC/PC -LC/PC Connector						
2050-2050nm	50- 50% Ratio		10-10W	10-10kW		3- 3mm Cable	20-2.0m	SC/UPC-SC/UPC Connector						