

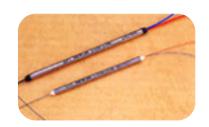
1200nm Fused PM Fiber Coupler/Splitter for Pulse Power

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	1150, 1180, 1200, 1230, 1250			
Bandwidth	nm	+/-10			
Excess Loss	dB	≤1.0			
Tan Patio	%	0.1:99.9, 1:99, 2:98, 5:95			
Tap Ratio	70	10:90, 20:80, 30:70, 40:60, 50:50			
Directivity	dB	≥45			
Extinction Ratio	dB	≥18			
Eibor Typo		PM980 Panda Fiber or PM1060L Fiber (E)			
Fiber Type	_	10/125um PMDC Fiber (O)			
Fiber Tensile Load	N	5			
Max. Average Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30			
Max. Peak Power for pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20			
Operating Temperature	°C	0~50			
Storage Temperature	°C	-40~85			
Package Stainlage Steel Tube (SST)		(Φ)3.0x60 for Bare Fiber			
Package Stainless Steel Tube (SST) Dimension	mm	(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 0.5dB 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	-H NN	P NN	-(C)	(C)	C	NN	-CC/CCC
Center Wavelength	Coupling Ratio.	Configuration	Average Power	Peak Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1200-1200nm	001= 0.1% Ratio	1= 1x2 Type	03=300mW	<mark>01</mark> =100W	M=Metal Box	E=PM1060L Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1230=1230nm	05= 5% Ratio	2= 2x2 Type	1= 1W	1= 1kW	<i>Blank</i> for SST	0= 10/125PMDC Fiber	L= Loose Tube	10-1.0m	FC/APC=FC/APC Connector
1150=1150nm	10=10% Ratio		10= 10W	10= 10kW		<i>Blank</i> for PM980 Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1180=1180nm	50= 50% Ratio		30=30W	20=20kW			3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector





