



980nm~1060nm 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	980, 1030, 1060
Bandwidth	nm	+/-15
Excess Loss	dB	≤0.60
Tap Ratio	%	1±0.5%, 2±0.8%, 5±1.5%, 10±2.3%, 50±5%
Directivity	dB	≥50
Extinction Ratio	dB	≥20
Fiber Type	-	PM Panda Fiber
Fiber Tensile Load	N	5
Maximum Optical Power (CW)	W	1, 2, 3, 5, 10
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package Dimension	mm	(Φ)3.0x56 (Bare Fiber) (Φ)3.0x70 (900um Loose Tube)

- 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.

ORDERING INFORMATION

FPCL-	NNNN	-	NN		N	-HP NN	-	C		NN	-	CC/CCC
Center Wavelength	Coupling Ratio.		Configuration		Optical Power		Fiber Sleeve		Fiber Length		Connector Type	
980= 980nm	01= 1% Ratio		1= 1x2 Type		1= 1W		B= Bare Fiber		10=1.0m		N	=Without Connector
1030=1030nm	05= 5% Ratio		2= 2x2 Type		2= 2W		L= 900um Loose Tube		15=1.5m		FC/APC=FC/APC Connector	
1060=1060nm	50= 50% Ratio				10=10W				20=2.0m		LC/PC	=LC/PC Connector