

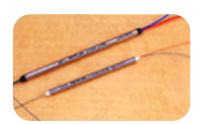
750~850nm Fused PM Fiber Coupler/Splitter

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	750, 780, 793, 808, 830, 850		
Bandwidth	nm	+/-10		
Excess Loss	dB	≤0.90		
Tap Ratio	%	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	-	PM850 Panda Fiber or PM780-HP Fiber		
Fiber Tensile Load	N	5		
Maximum Optical Power (CW)	mW	300		
Operating Temperature	°C	0~50		
Storage Temperature	°C	-40~85		
De also de Ctainless 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 0.7dB 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.

ORDERING INFORMATION (PN)

FPCL- NNN	- NN	N	- (<mark>C</mark>)	(<mark>C</mark>)	С	NN -	CC/CCC
Center Wavelength	Coupling Ratio.	Configuration	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
850= 850nm	01= 1% Ratio	1= 1x2 Type	M= Metal Box	7=PM780HP Fiber	B= Bare Fiber	05=0.5m	N =Without Connector
830-830nm	05= 5% Ratio	2= 2x2 Type	<i>Blank</i> for SSL	Blank for PM850 Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
808-808nm	10= 10% Ratio				2= 2mm Cable	15=1.5m	LC/PC =LC/PC Connector
780=780nm	50= 50% Ratio				3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector



