

460-690nm PM Filter Coupler

FEATURES

- Low Excess Loss
- Various Splitting Ratio
- Wide Passband
- High Stability and Reliability
- Epoxy Free Optical Path

APPLICATIONS

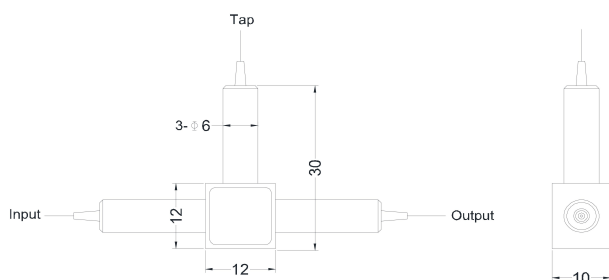
- Optical Amplifier
- Optical Networks
- Power Monitoring
- Fiber Sensor
- Lab

SPECIFICATIONS

Parameter	Unit	1x2 Type						
Center Wavelength	nm	488, 532				635, 650, 660, 690		
Bandwidth	nm	+/-10						
Split Ratio	-	0.1:99.9	1:99	2:98	5:95	10:90	40:60	50:50
Tap Ratio	-	0.1%	1±0.6%	2±0.8%	5±1.2%	10%	40%	50%
Excess Loss@23°C	dB	1.8						
Uniformity	dB	1.4						
Extinction Ratio	dB	≥16						
Optical Return Loss	dB	≥45						
Fiber Type	Tap Port	-	Same Fiber, Corresponding SM Fiber or 50/125um Fiber					
	Thru Port	-	PM460-HP Fiber			PM630-HP Fiber		
Fiber Tensile Load	N	5						
Max. Optical Power (CW)	mW	30						
Operating Temperature	°C	23~45						
Storage Temperature	°C	0~50						

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 1.0dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 3. The device can only work in slow axis and fast axis is blocked.
 4. Devices for higher optical power or with other type fiber or consigned fiber are also available.

PACKAGE DIMENSION



ORDERING INFORMATION (PN)

FPFC-	NNN	-	NN	C	N	-	N	C	NN	-	CC/CCC
	Wavelength		Split Ratio	Tap Port Fiber	Type		Fiber Type	Fiber Sleeve	Fiber Length		Connector Type
	488=488nm		01=1/99	P= Same Fiber	1=1x2		2= 250um PM Fiber	B= Bare fiber	05=0.5m		N=Without Connector
	532=532nm		05=05/95	S= Corr. SM Fiber				L= Loose Tube	10=1.0m		FC/APC=FC/APC Connector
	635=635nm		10=10/90	5=50/125um Fiber				2= 2mm Cable	15=1.5m		LC/PC=LC/PC Connector
	650=650nm		50=50/50					3= 3mm Cable	20=2.0m		SC/UPC=SC/UPC Connector