



# 915/980nm High Power 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			2x2 Type		
Center Wavelength	nm	915, 980					
Bandwidth	nm	+/-15nm or customer specify					
Split Ratio	-	1:99	2:98	5:95	10:90	40:60	50:50
Tap Ratio	-	1+/-0.5%	2+/-0.6%	5+/-1.0%	10%	40%	50%
Excess Loss Max.	dB	1.4			1.6		
Uniformity Max.	dB	0.8			1.0		
PDL	dB	≤0.15					
Optical Return Loss	dB	≥50					
Fiber Type	-	HI1060 Fiber or 10/125um Fiber					
Fiber Tensile Load	N	5					
Max. Optical Power (CW)	W	1, 2, 5, 10					
Operating Temperature	°C	0~50					
Storage Temperature	°C	-40~85					
Package Dimension	mm	(Dia.) 5.5x35					

- 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.
  3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
  4. Devices for higher optical power or with other type fiber or consigned fiber (For example: 6/125um, 20/125um or 25/250um, etc.) are also available; Devices can only work in the core of Double Cladding (DC) Fiber.

## ORDERING INFORMATION

FFFC-	NNN	- NN	N	(C)	-HP	NN	- (C)	C	NN	- CC/CCC
Wavelength	Split Ratio	Type	Tap Port Fiber	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type		
915=915nm	01=1/99	1=1x2	E=10/125 Fiber	1=1W	E=10/125 Fiber	B= Bare fiber	10=1.0m	N	=Without Connector	
980=980nm	10=10/90	2=2x2	O=10/125DC Fiber	2=2W	O=10/125DC Fiber	L= Loose Tube	15=1.5m	FC/APC=FC/APC Connector		
	50=50/50		Y=105/125um Fiber	10=10W	Blank for HI1060 Fiber		20=2.0m	LC/PC	=LC/PC Connector	
			Blank for HI1060 Fiber							