



# 980~1060nm High Power Fused 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, 1040, 1050, 1064						
Bandwidth	nm	+/-5						
Excess Loss	dB	≤0.60						
Split Ratio	%	1:99	2:98	5:95	10:90	40:60	50:50	
		1+/-0.5%	2+/-0.6%	5+/-1.0%	10%	40%	50%	
Uniformity (50:50 Ratio)	dB	≤0.6						
Directivity	dB	≥45						
Fiber Type	-	HI1060, HI1060 Flex or customer specify						
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	Stainless Steel Tube	mm	(Φ)3.0x70					
Dimension	Plastic Box		(L)90x(W)16x(H)9					

- 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 are also available.

## ORDERING INFORMATION

FCLS	-NNNN	-NN	N	C	-HP	NN	-N	C	NN	-CC/CCC
Center Wavelength	Coupling Ratio	Configuration	Package	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type		
1064=1064nm	01= 1% Ratio	1= 1x2 Type	S=SSL Tube	1= 1W	H= HI1060	B= Bare Fiber	10=1.0m	N	=Without Connector	
1030=1030nm	05= 5% Ratio	2= 2x2 Type	B=Box	2= 2W	F= HI1060 Flex	L= Loose Tube	15=1.5m	FC/APC=FC/APC Connector		
980=980nm	50= 50% Ratio			10=10W		3= 3mm Cable	20=2.0m	LC/PC	=LC/PC Connector	