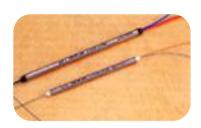
460-690nm High Power Fused Coupler/Splitter

FEATURES

- Low Excess Loss O
- 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	460, 488, 520, 532	635, 650, 660, 690		
Bandwidth		nm	+/-5			
Couping Ratio		%	0.1:99.9, 1:99, 2:98, 5:95, 10:90			
			20:80, 30:70, 40:60, 50:50			
Typical Excess Loss		dB	1.0	0.9		
Directivity		dB	>50			
Fiber Type		-	460-HP Fiber	630-HP Fiber		
Fiber Tensile Load		N	5			
Maximum Optical Power (CW)		W	0.3, 0.5, 1, 2, 3, 5, 10			
Operating Temperature		°C	0~50			
Storage Temperature		°C	-40~85			
Package Dimension	Stainless Steel Tube (SST)	mm	⁰ 3.0x60 for Bare Fiber			
			⁰ 3.0x76 for 900um Loose Tube			
	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.

ORDERING INFORMATION (PN)

FCLS - NNN	- NN	N	С	-HP NN -	С	NN -	CC/CCC
Center Wavelength	Coupling Ratio	Configuration	Package	Optical Power	Fiber Sleeve	Fiber Length	Connector Type
488- 488nm	01= 1% Ratio	1= 1x2 Type	S=SST Tube	05=500mW	B= Bare fiber	05=0.5m	N=Without Connector
532- 532nm	05= 5% Ratio	2= 2x2 Type	M=Metal Box	1-1W	L= Loose Tube	10-1.0m	FC/APC=FC/APC Connector
635=635nm	10= 10% Ratio			5- 5W	2= 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
650=650nm	50= 50% Ratio			10-10W	3= 3mm Cable	20- 2.0m	SC/UPC=SC/UPC Connector





^{2.} To add connectors, IL is 0.9dB higher, RL is 5dB lower.

^{3.} Only guarantee 30mW 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.