

460-660nm 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	488	532	635	650
Bandwidth	nm	+/-5			
Coupling Ratio	%	1:99~50:50			
Typical Excess Loss	dB	1.0		0.7	
Directivity	dB	>50			
Fiber Type	-	Nufern 460-HP		Nufern 630-HP	
Fiber Tensile Load	N	5			
Maximum Optical Power (CW)	mW	100			
Operating Temperature	°C	0~50			
Storage Temperature	°C	-40~85			
Package Dimension	Stainless Steel Tube (SST)	mm	(Φ)3.0x60 for 250um Bare Fiber (Φ)3.0x70 for 900um Loose Tube		
	Plastic Box	mm	(L)100x(W)16x(H)9.5		

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.9dB higher, RL is 5dB lower.
 3. Devices for higher optical power or with other type fiber or consigned fiber are also available.

ORDERING INFORMATION (PN)

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