

2000nm 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	1900, 1950, 2000, 2050						
Bandwidth	nm	+/-20						
Excess Loss	dB	≤0.50						
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	-	SMF-28 Fiber or SM1950 Fiber (V)						
Fiber Tensile Load	N	5						
Max. Optical Power (CW)	mW	300						
Operating Temperature	°C	0~50						
Storage Temperature	°C	-40~85						
Package Dimension	Stainless Steel Tube (SST)	mm	(Φ)3.0x60 for Bare Fiber					
			(Φ)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.
 2. To add connectors, IL is 0.3dB higher, RL is 5dB lower.
 3. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

ORDERING INFORMATION (PN)

FCLS-NNNN	-	NN	N	C	- (C)	C	NN	-CC/CCC
Center Wavelength		Coupling Ratio.	Configuration	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1900-1900nm		01- 1% Ratio	1- 1x2 Type	S-SST Tube	V-SM1950 Fiber	B- Bare fiber	05-0.5m	N-Without Connector
1950-1950nm		05- 5% Ratio	2- 2x2 Type	M-Metal Box	Blank for SMF-28 Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
2000-2000nm		10-10% Ratio				2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
2050-2050nm		50- 50% Ratio				3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector