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	≤0.90						
Split Ratio		%	0.1:99.9	1:99	2:98	5:95	10:90	40:60	50:50
			0.1%	1±0.5%	2±0.6%	5±1.0%	10%	40%	50%
Uniformity (50:50 Ratio)		dB	≤0.8						
Directivity		dB	≥45						
Fiber Type		-	SMF-28 Fiber or SM1950 Fiber (V) 10/130um DC Fiber (O)						
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.

4. Package size may be different for different optical power and fiber type.

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	001= 0.1% Ratio	1= 1x2 Type	M=Metal Box	V=SM1950 Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1950=1950nm	05= 5% Ratio	2= 2x2 Type	*Blank* for SST	O=10/130 DC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
2000=2000nm	10=10% Ratio			*Blank* for SMF-28 Fiber	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