

1xN/MxN Fused Fiber Splitter Module

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	Nx4 N=1, 2, 4	Nx8 N=1, 2, 4	Nx16 N=1, 2, 4	Nx32 N=1, 2, 4
Center Wavelength		nm	1310, 1480, 1550, 1590, 1550&1590, 1310&1550			
Single Window Standard	Passband Width	nm	+/-20			
	Insertion Loss	dB	≤6.8	≤10.2	≤13.6	≤17.5
	PDL	dB	≤0.15	≤0.20	≤0.25	≤0.30
	Uniformity	dB	≤0.8	≤1.0	≤2.0	≤2.5
Single Window Wideband	Passband Width	nm	+/-40			
	Insertion Loss	dB	≤6.8	≤10.2	≤13.6	≤17.5
	PDL	dB	≤0.15	≤0.20	≤0.25	≤0.30
	Uniformity	dB	≤1.0	≤1.2	≤2.4	≤3.0
Dual Window Wideband	Passband Width	nm	+/-40			
	Insertion Loss	dB	≤7.5	≤11.0	≤15.5	≤19.0
	PDL	dB	≤0.20	≤0.30	≤0.40	≤0.50
	Uniformity	dB	≤1.6	≤2.4	≤3.2	≤4.0
Optical Return Loss		dB	≥40			
Directivity		dB	≥50			
Fiber Type		-	SMF-28 Fiber or 10/130um DC Fiber			
Fiber Tensile Load		N	5			
Maximum Optical Power (CW)		mW	300			
Operating Temperature		°C	0~70			
Storage Temperature		°C	-40~85			
Package Dimension		mm	L100x ^W 80x ^H 10		L120x ^W 80x ^H 18	

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.3dB higher, RL is 5dB lower.
 - 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.
 - Package size may be different for different optical power and fiber type.

ORDERING INFORMATION (PN)

FCLT-	NNNN	- C	NXN	- (C)	C	NN	-CC/CCC
	Center Wavelength	Type	Configuration	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
	1310-1310nm	S- Standard	1X4-1x4 Type	0-10/130DC Fiber	B- Bare fiber	05-0.5m	N-Without Connector
	1550-1550nm	W- Wideband	1X8-1x8 Type	Blank for SMF-28 Fiber	L- Loose Tube	10-1.0m	FC/APC-FC/APC Connector
	CL-1550&1590nm		4X4-4x4 Type		2- 2mm Cable	15-1.5m	LC/PC-LC/PC Connector
	1315-1310nm&1550nm		1X16-1x16 Type		3- 3mm Cable	20-2.0m	SC/UPC-SC/UPC Connector

