

1xN/MxN Fused Fiber Splitter Module for Pulse Power

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 Average Power		W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 30, 40, 50, 80, 100			
Max. Peak Power for Pulse		kW	0.1, 1, 2, 3, 5, 10, 15, 20			
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.
 - Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 - 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	-H	NN	P NN	-(C)	C	NN	- CC/CCC
Center Wavelength	Type	Configuration	Average Power	Peak Power	Fiber Type	Fiber Type	Fiber Length	Connector Type	
1310-1310nm	S- Standard	1X4-1x4 Type	03-300mW	01-100W	0-10/130DC Fiber	B- Bare Fiber	05-0.5m	N-Without Connector	
1550-1550nm	W- Wideband	1X8-1x8 Type	2-2W	2-2kW	Blank for SMF-28 Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector	
CL- 1550&1590nm		4X4-4x4 Type	5-5W	5-5kW		2-2mm Cable	15-1.5m	LC/PC=LC/PC Connector	
1315-1310nm&1550nm		1X16-1x16 Type	10-10W	10-10kW		3-3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector	

