1xN/MxN High Power 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)		W	1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100			
Operating Temperature		°C	0~70			
Storage Temperature		°C	-40~85			
Package Dimension		mm	^{L}100x^{W}80x^{H}10		^{L}120x^{W}80x^{H}18	

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. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.

4. 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.

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

ORDERING INFORMATION (PN)

FCLT- NNNN - C NXN -HP NN -(C) C NN - CC/CCC

Center Wavelength	Type	Configuration	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1310= 1310nm	S= Standard	1X4=1x4 Type	1= 1W	0=10/130DC Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1550= 1550nm	W= Wideband	1X8= 1x8 Type	2= 2W	*Blank* for SMF-28 Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
CL= 1550&1590nm		4X4= 4x4 Type	5= 5W		2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1315= 1310nm&1550nm		1X16= 1x16 Type	10=10W		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector