1x3/3x3/1x4/1x5 Monolithic Fused Splitter 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

Configuration		Unit	1x3	3x3	1x4	1x5
Center Wavelength		nm	1310, 1480, 1550, 1590, 1550&1590, 1310&1550			
Single Window Standard	Passband Width	nm	+/-20			
	Insertion Loss	dB	≤5.8	≤6.0	≤7.0	≤8.2
	PDL	dB	≤0.2	≤0.2	≤0.2	≤0.2
	Uniformity	dB	≤0.8	≤1.2	≤0.8	≤1.2
Single Window Wideband	Passband Width	nm	+/-40			
	Insertion Loss	dB	≤6.0	≤6.6	7.2	≤8.4
	PDL	dB	≤0.2	≤0.3	≤0.2	≤0.3
	Uniformity	dB	≤1.0	≤2.2	≤1.0	≤1.2
Dual Window Wideband	Passband Width	nm	+/-40			
	Insertion Loss	dB	≤6.2	-	7.4	-
	PDL	dB	≤0.3	-	≤0.3	-
	Uniformity	dB	≤1.2	-	≤1.2	-
Optical Return Loss		dB	≥40			
Directivity		dB	≥50			
Fiber Type		-	SMF-28 Fiber			
Fiber Tensile Load		N	5			
Maximum Average Power		W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30			
Max. Peak Power for Pulse		kW	0.1, 1, 2, 3, 5, 10, 15, 20			
Operating Temperature		°C	0~50			
Storage Temperature		°C	-40~85			
Package Dimension		mm	(Φ)3.0x60 (Single Window) (Φ)4.0x60 (Dual Window)			(Φ)4.0x60

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.

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

ORDERING INFORMATION (PN)

FCLO - NNNN -C NXN -H NN P NN - C NN -CC/CCC

Center Wavelength	Type	Configuration	Average Power	Peak Power	Fiber Sleeve	Fiber Length	Connector Type
1310= 1310nm	S= Standard	1X3= 1x3 Type	03= 300mW	01= 100W	B= Bare fiber	05=0.5m	N=Without Connector
1550= 1550nm	W= Wideband	3X3= 3x3 Type	1= 1W	1= 1kW	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
CL= 1550&1590nm		1X4=1x4 Type	5= 5W	5= 5kW	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1315= 1310nm&1550nm		1X5=1x5 Type	10=10W	10=10kW	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector