

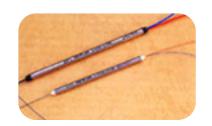
1x3/3x3/1x4/1x5 Monolithic Fused Splitter for Pulse Power

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					
	Passband Width	nm	+/-20					
Single Window	Insertion Loss	dB	≤5.8	≤6.0	≤7.0	≤8.2		
Standard	PDL	dB	≤0.2	≤0.2	≤0.2	≤0.2		
	Uniformity	dB	≤0.8	≤1.2	≤0.8	≤1.2		
	Passband Width	nm						
Single Window	Insertion Loss	dB	≤6.0	≤6.6	7.2	≤8.4		
Wideband	PDL	dB	≤0.2	≤0.3	≤0.2	≤0.3		
	Uniformity	dB	≤1.0	≤2.2	≤1.0	≤1.2		
	Passband Width	nm	+/-40					
Dual Window	Insertion Loss	dB	≤6.2	-	7.4	-		
Wideband	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	Туре	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	<mark>1</mark> - 1W	<mark>1</mark> = 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