

## Nx6 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	1X6/2X6/3X6/4x6/6X6	
Center Wavelength	nm	1310, 1480, 1550, 1590, 1550&1590, 1310&1550	
<b>Single Window Wideband</b>	Passband Width	nm	+/-20
	Insertion Loss	dB	≤9.7
	PDL	dB	≤0.20
	Uniformity	dB	≤1.5
<b>Single Window Wideband</b>	Passband Width	nm	+/-40
	Insertion Loss	dB	≤9.7
	PDL	dB	≤0.25
	Uniformity	dB	≤1.6
<b>Dual Window Wideband</b>	Passband Width	nm	+/-40
	Insertion Loss	dB	≤10.3
	PDL	dB	≤0.30
	Uniformity	dB	≤2.0
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, 25, 30, 40, 50, 60, 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	(L)100x(W)80x(H)10	

- 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	-H NN	P NN	- (C)	C	NN	- CC/CCC
Center Wavelength	Type	Configuration	Average Power	Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1310-1310nm	S- Standard	1X6- 1x6 Type	03- 300mW	01- 100W	0=10/130DC Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1550-1550nm	W- Wideband	2X6- 2x6 Type	2- 2W	2- 2kW	Blank for SMF-28 Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
CL- 1550&1590nm		3X6- 3x6 Type	5- 5W	5- 5kW		2- 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1315- 1310nm&1550nm		6X6- 6x6 Type	10=10W	10=10kW		3- 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector