

## 1600~1790nm 1xN/MxN Fused Fiber Splitter Module for Pulse Power

### FEATURES

- Low Excess Loss
- Variety Coupling Ratio
- Epoxy-Free Optical Path
- High Reliability and Stability

### APPLICATIONS

- LAN WAN Systems
- Signal Monitoring
- Network Monitoring
- Test Equipments



### SPECIFICATIONS

Parameter	Unit	Nx4 N=1, 2, 4	Nx8 N=1, 2, 4
Center Wavelength	nm	1625, 1650, 1700, 1730, 1750, 1790	
Passband Width	nm	+/-20	
Insertion Loss	dB	≤7.3	≤11.0
PDL	dB	≤0.15	≤0.20
Uniformity	dB	≤1.0	≤1.2
Optical Return Loss	dB	≥40	
Directivity	dB	≥50	
Fiber Type	-	SMF-28 Fiber or SM1950 Fiber (V) 10/130um DC Fiber (O)	
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	0~50	
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	- NXN	-H NN	P NN	-(C)	C	NN	-CC/CCC
Center Wavelength	Configuration	Average Power	Peak Power	Fiber Type	Fiber Type	Fiber Length	Connector Type
1625-1625nm	1X4- 1x4 Type	03- 300mW	01- 100W	V-SM1950 Fiber	B- Bare Fiber	05-0.5m	N=Without Connector
1700-1700nm	1X8- 1x8 Type	2- 2W	2- 2kW	O-10/130 DC Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
1730-1730nm	4X4- 4x4 Type	5- 5W	5- 5kW	Blank for SMF-28 Fiber	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
1790-1790nm	2X8- 2x8 Type	10-10W	10-10kW		3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector