

750~850nm 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	750, 780, 793, 808, 830, 850	
Passband Width	nm	+/-10	
Insertion Loss	dB	≤7.8	≤11.5
PDL	dB	≤0.15	≤0.20
Uniformity	dB	≤1.0	≤1.4
Optical Return Loss	dB	≥40	
Directivity	dB	≥50	
Fiber Type	-	HI780 Fiber or 780-HP Fiber	
Fiber Tensile Load	N	5	
Maximum Average Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20	
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 0.7dB 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-NNN	- 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
780-780nm	1X4-1x4 Type	03- 300mW	01- 100W	7-780HP Fiber	B- Bare Fiber	05-0.5m	N=Without Connector
808-808nm	1X8- 1x8 Type	2- 2W	2- 2kW	Blank for HI780 Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
850-850nm	4X4- 4x4 Type	5- 5W	5- 5kW		2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
830-830nm	2X8- 2x8 Type	10-10W	10-10kW		3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector