

750~850nm 1xN/MxN High Power Fused Fiber Splitter Module

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	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 Optical Power (CW)	W	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	-HP NN	- (C)	C	NN	- CC/CCC
Center Wavelength		Configuration	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
780-780nm		1X4-1x4 Type	1- 1W	7-780HP Fiber	B- Bare Fiber	05=0.5m	N=Without Connector
808-808nm		1X8- 1x8 Type	2- 2W	Blank for HI780 Fiber	L- Loose Tube	10=1.0m	FC/APC=FC/APC Connector
850-850nm		4X4- 4x4 Type	5- 5W		2- 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
830-830nm		2X8- 2x8 Type	10-10W		3- 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector