

980~1120nm 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	Nx16 N=1, 2, 4	Nx32 N=1, 2, 4
Center Wavelength	nm	975, 980, 990, 1000 1020, 1030, 1040, 1053, 1064 1070, 1080, 1092, 1103, 1120			
Passband Width	nm	+/-10			
Insertion Loss	dB	≤7.3	≤11.0	≤14.2	≤18.0
PDL	dB	≤0.15	≤0.20	≤0.25	≤0.30
Uniformity	dB	≤1.0	≤1.2	≤2.4	≤3.5
Optical Return Loss	dB	≥40			
Directivity	dB	≥50			
Fiber Type	-	HI1060 Fiber or HI1060 Flex Fiber (F) 10/125um SC Fiber (E) or 10/125um DC Fiber (O)			
Fiber Tensile Load	N	5			
Maximum Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100			
Operating Temperature	°C	0~50			
Storage Temperature	°C	-40~85			
Package Dimension	mm	L100x ^W 80x ^H 10		L120x ^W 80x ^H 18	

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.5dB higher, RL is 5dB lower.
 - Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 - 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.
 - Package size may be different for different optical power and fiber type.

ORDERING INFORMATION (PN)

FCLT- NNNN	- NXN	-HP NN	- C	C	NN	- CC/CCC
Center Wavelength	Configuration	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1064~1064nm	1X4-1x4 Type	1-1W	H- HI1060 Fiber	B- Bare Fiber	05-0.5m	N-Without Connector
1053~1053nm	1X8- 1x8 Type	2- 2W	F- HI1060 Flex Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
1030~1030nm	4X4- 4x4 Type	5- 5W	E- 10/125SC Fiber	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
980~980nm	1X16- 1x16 Type	10-10W	O- 10/125DC Fiber	3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector