

980~1120nm 1xN/MxN 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	Nx8	Nx16	Nx32
		N=1, 2, 4	N=1, 2, 4	N=1, 2, 4	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)	mW	300			
Operating Temperature	°C	0~70			
Storage Temperature	°C	-40~85			
Package Dimension	mm	(L)100x(W)80x(H)10		(L)142x(W)102x(H)14.5	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.5dB higher, RL is 5dB lower.
 3. 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.
 4. Package size may be different for different optical power and fiber type.

ORDERING INFORMATION (PN)

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