980~1120nm 1x6/2x6 Fused Fiber Splitter Module for Pulse Power

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	1x6/2x6
Center Wavelength	nm	975, 980, 990, 1000 1020, 1030, 1040, 1053, 1064 1070, 1080, 1092, 1103, 1120
Passband Width	nm	+/-10
Insertion Loss	dB	≤9.9
PDL	dB	≤0.3
Uniformity	dB	≤1.8
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 Average Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 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 0.5dB 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 Sleeve	Fiber Length	Connector Type
1064=1064nm	1X6= 1x6 Type	03= 300mW	01= 100W	V= H= HI1060 Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1053=1053nm	2X6= 2x6 Type	2= 2W	2= 2kW	F= HI1060 Flex Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1030=1030nm		5= 5W	5= 5kW	E= 10/125SC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
980=980nm		10=10W	10=10kW	O= 10/125DC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector