

## 460~690nm 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	Value	
Center Wavelength	nm	460, 488, 520, 532	635, 650, 660, 690
Passband Width	nm	+/-5	
Insertion Loss	1x4/2x4	dB	≤7.8
	1x8/2x8	dB	≤11.6
	1x16/2x16	dB	≤15.9
Uniformity	1x4/2x4	dB	≤1.0
	1x8/2x8	dB	≤2.0
	1x16/2x16		≤2.8
Optical Return Loss	dB	≥40	
Directivity	dB	≥50	
Fiber Type	-	460-HP Fiber	630-HP Fiber
Fiber Tensile Load	N	5	
Maximum Average Power	W	0.1, 0.3, 0.5, 1, 2, 3, 5, 10	
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	1x4/2x4 & 1x8/2x8	mm	L100 <sup>W</sup> 80x <sup>H</sup> 10
	1x16/2x16	mm	L150x <sup>W</sup> 115x <sup>H</sup> 14

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.9dB higher, RL is 5dB lower.
  3. Only guarantee 30mW 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.
  5. Package size may be different for different optical power and fiber type.

### ORDERING INFORMATION (PN)

FCLT-	NNN	-	NXN	-	HNN	P	NN	-	C		NN	-	CC/CCC
Center Wavelength	Configuration		Configuration		Average Power		Peak Power		Fiber Sleeve		Fiber Length		Connector Type
488- 488nm	1X4- 1x4 Type				05-500mW		01- 100W		B- Bare fiber		05-0.5m		N-Without Connector
532- 532nm	2X4- 2x4 Type				1- 1W		1- 1kW		L- Loose Tube		10-1.0m		FC/APC-FC/APC Connector
635- 635nm	1X8- 1x8 Type				5- 5W		5- 5kW		2- 2mm Cable		15-1.5m		LC/PC-LC/PC Connector
650- 650nm	1X16- 1x16 Type				10-10W		10-10kW		3- 3mm Cable		20-2.0m		SC/UPC-SC/UPC Connector