

## 460~690nm 1x5 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	1X5	
Center Wavelength	nm	460, 488, 520, 532	635, 650, 660, 690
Passband Width	nm	+/-5	
Split Ratio	%	20:20:20:20:20	
Insertion Loss	dB	≤9.4	
Uniformity	dB	≤2.0	
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	mm	L100x <sup>W</sup> 80x <sup>H</sup> 10	

- 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	-H	NN	P	NN	-	C	NN	-CC/CCC
Center Wavelength	Configuration	Average Power	Peak Power	Fiber Sleeve	Fiber Length	Connector Type					
488- 488nm	1X5- 1x5 Type	03- 300mW	01- 100W	B- Bare fiber	05-0.5m	N-Without Connector					
532- 532nm		2- 2W	2- 2kW	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector					
635- 635nm		5- 5W	5- 5kW	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector					
650- 650nm		10-10W	10-10kW	3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector					