

460~690nm 1x3 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	1X3	
Center Wavelength	nm	460, 488, 520, 532	635, 650, 660, 690
Passband Width	nm	+/-5	
Split Ratio	%	33.3:33.3:33.3	
Insertion Loss	dB	≤6.4	
Uniformity	dB	≤1.0	
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 ^W 80x ^H 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	1X3- 1x3 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