

## 460~690nm 1x3 High Power 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	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 Optical Power (CW)	W	0.3, 0.5, 1, 2, 3, 5, 10	
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)

<b>FCLT</b> -	<b>NNN</b>	-	<b>NXN</b>	<b>-HP NN</b>	-	<b>C</b>	<b>NN</b>	<b>-CC/CCC</b>
<i>Center Wavelength</i>	<i>Configuration</i>		<i>Optical Power</i>			<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
488- 488nm	1X3- 1x3 Type		05-500mW			B- Bare fiber	05-0.5m	N-Without Connector
532- 532nm			1- 1W			L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
635- 635nm			5- 5W			2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
650- 650nm			10-10W			3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector