

## 460~690nm High Power PM Fused Splitter Module (1x4, 1x8, 2x4, 2x8)

### 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	1x4, 2x4, 4x4	1x8, 2x8, 4x8
Center Wavelength	nm	460, 488, 520, 532, 635, 650, 660, 690	
Bandwidth	nm	+/-5	
Insertion Loss	dB	≤7.9	≤11.8
Uniformity	dB	≤1.2	≤2.0
Extinction Ratio	dB	≥18	≥16
Optical Return Loss	dB	≥40	
Directivity	dB	≥45	
Fiber Type	460~532nm	-	PM460-HP Fiber
	635~690nm	-	PM630-HP Fiber
Fiber Tensile Load	N	5	
Max. 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	L160x <sup>W</sup> 140x <sup>H</sup> 10	L160x <sup>W</sup> 160x <sup>H</sup> 10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 1.0dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
  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; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

### ORDERING INFORMATION (PN)

FPCM - <b>NNN</b>	- <b>NxN</b>	-HP <b>NN</b>	- <b>C</b>	<b>NN</b>	- <b>CC/CCC</b>
<i>Wavelength</i>	<i>Configuration</i>	<i>Optical Power</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
488-488nm	1X4-1X4 Type	03-300mW	B- Bare fiber	05-0.5m	N-Without Connector
532-532nm	1X8-1X8 Type	1- 1W	L- Loose Tube	10-1.0m	FC/APC-FC/APC Connector
635-635nm	2X4-2X4 Type	2- 2W	2- 2mm Cable	15-1.5m	LC/PC-LC/PC Connector
650-650nm	2X8-2X8 Type	10- 10W	3- 3mm Cable	20-2.0m	SC/UPC-SC/UPC Connector