

460~690nm 1X9 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	1X9	
Center Wavelength	nm	460, 488, 520, 532	635, 650, 660, 690
Passband Width	nm	+/-5	
Split Ratio	%	Even Split	
Insertion Loss	dB	≤13.0	
Uniformity	dB	≤3.0	
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 ^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	-	HP NN	-	C		NN	-	CC/CCC
	<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		1X9- 1x9 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