

Multimode 1x3 High Power Fused Fiber Splitter

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	Value	
Center Wavelength	nm	850, 1310, 1550, 850&1310	
Bandwidth	nm	+/-10	
Split Ratio	%	33.3:33.3:33.3	
Insertion Loss	dB	≤6.8	
Uniformity	dB	≤1.2	
Directivity	dB	≥40	
Fiber Type	-	50/125um or 62.5/125um MM Fiber 50/125um MM OM3 Fibe	
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube	mm	(Φ)3.0x60
	Metal Box	mm	(L)98x(W)18x(H)8.5
	Plastic Box	mm	(L)88.9x(W)50.9x(H)9.2

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB higher, RL is 10dB lower.
 3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 4. Specifications are tested at low order modes.
 5. Devices for higher optical power or with other type fiber or consigned fiber are also available.
 6. Package size may be different for different optical power and fiber type.

ORDERING INFORMATION (PN)

FMCL-NNNN	-	NXN	C	-HP NN	-	N	C	NN	-	CC/CCC
<i>Center Wavelength</i>		<i>Configuration</i>	<i>Package</i>	<i>Optical Power</i>		<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>		<i>Connector Type</i>
850-850nm		1X3- 1x3 Type	S-SSL Tube	1- 1W		5=50/125um MM Fiber	B= Bare Fiber	05=0.5m		N -Without Connector
1300-1310nm			M= Metal Box	5=5W		6= 62.5/125um MM Fiber	L= Loose Tube	10=1.0m		FC/APC=FC/APC Connector
1550-1550nm			P=Plastic Box	10=10W		3= OM3 MM Fiber	2= 2mm Cable	15=1.5m		LC/PC=LC/PC Connector
8513-850&1310nm				30= 30W			3= 3mm Cable	20=2.0m		SC/UPC=SC/UPC Connector