Multimode 1x3 Fused Fiber Splitter 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	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 Average Power		W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50
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	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 -H NN P NN - N C NN -CC/CCC

Center Wavelength	Configuration	Package	Average Power	Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
850= 850nm	1X3= 1x3 Type	S=SSL Tube	03= 300mW	01= 100W	5=50/125um MM Fiber	B= Bare Fiber	05=0.5m	N =Without Connector
1300=1310nm		M= Metal Box	5=5W	5=5kW	6= 62.5/125um MM Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1550=1550nm		P=Plastic Box	10=10W	10=10kW	3= OM3 MM Fiber	2= 2mm Cable	15=1.5m	LC/PC =LC/PC Connector
8513=850&1310nm			30= 30W	20= 20kW		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector