

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	1310, 1480, 1550, 1590, 1550&1590, 1310&1550
Single Window Wideband	Passband Width	+/-20
	Insertion Loss	≤5.8
	PDL	≤0.2
	Uniformity	≤0.6
Single Window Wideband	Passband Width	+/-40
	Insertion Loss	≤6.1
	PDL	≤0.2
	Uniformity	≤0.8
Dual Window Wideband	Passband Width	+/-40
	Insertion Loss	≤6.5
	PDL	≤0.25
	Uniformity	≤1.4
Optical Return Loss	dB	≥40
Directivity	dB	≥50
Fiber Type	-	SMF-28 Fiber or 10/130um DC Fiber
Fiber Tensile Load	N	5
Maximum Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100
Operating Temperature	°C	0~70
Storage Temperature	°C	-40~85
Package Dimension	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 5dB lower.
 3. Only guarantee 1W 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.
 5. Package size may be different for different optical power and fiber type.

ORDERING INFORMATION (PN)

FCLT- NNNN	- C	NXN	-HP NN	- (C)	C	NN	- CC/CCC
<i>Center Wavelength</i>	<i>Type</i>	<i>Configuration</i>	<i>Optical Power</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
1310= 1310nm	S= Standard	1X3= 1x3 Type	1= 1W	0=10/130DC Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1550= 1550nm	W= Wideband		2= 2W	Blank for SMF-28 Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
CL= 1550&1590nm			5= 5W		2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1315= 1310nm&1550nm			10=10W		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector