

1310nm or 1550nm Ultra-Wideband Fused Coupler/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	1310, 1550						
Bandwidth	nm	+/-100						
Excess Loss	dB	≤0.8						
Split Ratio	%	1:99	2:98	5:95	10:90	40:60	50:50	
		1+/-0.6%	2+/-0.8%	5+/-2.0%	10%	40%	50%	
Uniformity (50:50 Ratio)	dB	≤0.8						
Directivity	dB	≥45						
Fiber Type	-	SMF-28 Fiber						
Fiber Tensile Load	N	5						
Maximum Optical Power (CW)	mW	300						
Operating Temperature	°C	0~50						
Storage Temperature	°C	-40~85						
Package Dimension	Stainless Steel Tube (SST) Metal Box	mm	(Φ)3.0x60 for Bare Fiber					
			(Φ)3.0x76 for 900um Loose Tube					
			(L)120x(W)12x(H)10 for 2mm/3mm Cable					

- 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. Devices for higher optical power or with other type fiber or consigned fiber are also available.
 4. Package size may be different for different optical power and fiber type.

ORDERING INFORMATION (PN)

FCLU-NNNN	-	NN		N	-	(C)	C		NN	-	CC/CCC
<i>Center Wavelength</i>		<i>Coupling Ratio.</i>		<i>Configuration</i>		<i>Package</i>	<i>Fiber Sleeve</i>		<i>Fiber Length</i>		<i>Connector Type</i>
1310=1310nm		01= 1% Ratio		1= 1x2 Type		M= Metal Box	B= Bare Fiber		05=0.5m		N= Without Connector
1550=1550nm		05= 5% Ratio		2= 2x2 Type		Blank for SST	L= Loose Tube		10=1.0m		FC/APC=FC/APC Connector
		10=10% Ratio					2= 2mm Cable		15=1.5m		LC/PC=LC/PC Connector
		50= 50% Ratio					3= 3mm Cable		20=2.0m		SC/UPC=SC/UPC Connector