

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	≤0.5					
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	Stainless Steel Tube (SST)	mm	Φ3.0x ^L 54				
Dimension	Metal Box		^L 120x ^W 12x ^H 10				

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.3dB higher, RL is 5dB lower.
 - Devices for higher optical power or with other type fiber or consigned fiber are also available.
 - 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