

# 1310nm or 1550nm Ultra-Wideband High Power 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)	W	1, 2, 3, 5, 10, 15, 20, 25, 30					
Operating Temperature	°C	0~50					
Storage Temperature	°C	-40~85					
Package Dimension	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)

<b>FCLU- NNNN</b>	<b>- NN</b>	<b>N</b>	<b>-HP</b>	<b>NN</b>	<b>- (C)</b>	<b>C</b>	<b>NN</b>	<b>-CC/CCC</b>
<i>Center Wavelength</i>	<i>Coupling Ratio.</i>	<i>Configuration</i>	<i>Optical Power</i>	<i>Package</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>	
1310=1310nm	01= 1% Ratio	1= 1x2 Type	1= 1W	M= Metal Box	B= Bare Fiber	05=0.5m	N= Without Connector	
1550=1550nm	05= 5% Ratio	2= 2x2 Type	5= 5W	Blank for SST	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector	
	10=10% Ratio		10=10W		2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector	
	50= 50% Ratio		30= 30W		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector	