

1310/1550nm Ultra-Wideband Fused Coupler/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	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 Average Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30						
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 (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	-H	NN	P	NN	-(C)	C	NN	- CC/CCC
Center Wavelength	Coupling Ratio.	Configuration	Average Power	Peak Power	Package	Fiber Sleeve	Fiber Length	Connector Type		
1310=1310nm	01= 1% Ratio	1= 1x2 Type	03= 300mW	01= 100W	M= Metal Box	B= Bare Fiber	05=0.5m	N=Without Connector		
1550=1550nm	05= 5% Ratio	2= 2x2 Type	1= 1W	2= 2kW	Blank for SST	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector		
	10=10% Ratio		10=10W	5= 5kW		2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector		
	50= 50% Ratio		30= 30W	10=10kW		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector		