

850nm 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	A Type			B Type			
Center Wavelength	nm	850						
Bandwidth	nm	+/- 50						
Spectrum Type	-							
Excess Loss	dB	1.0						
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	≤1.0						
Directivity	dB	≥45						
Fiber Type	-	HI780 Fiber or 780-HP 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 0.7dB 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- NNN	-	NN	N	C	- (C)	(C)	C	NN	-CC/CCC
Center Wavelength		Coupling Ratio.	Configuration	Type	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
850-850nm		01- 1% Ratio	1- 1x2 Type	A-A Type	M-Metal Box	7-780HP Fiber	B- Bare Fiber	05-0.5m	N -Without Connector
		05- 5% Ratio	2- 2x2 Type	B-B Type	Blank for SST	Blank for HI780 Fiber	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