

Single Mode Fused Coupler 1X3/4/5/6

Features

- ◆ Low Insertion Loss
- ◆ Low PDL
- ◆ Small Size
- ◆ Compliance with RoHS

Application

- ◆ FTTx
- ◆ CATV Links
- ◆ PON
- ◆ Testing/Monitor System

Specification

Parameter	1x3		1x4		1x5	1x6
	Steel tube type	box type	Steel tube type	box type	box type	
Operating wavelength (nm)	1310/1490/1550					
Operating bandwidth (nm)	1310±40 ,1490±10,1550±40					
Typical excess loss (dB)	0.15	0.15	0.3	0.25	0.4	0.4
Insertion loss (dB)	≤6.2	≤6.5	≤8.0	≤7.7	≤9.2	≤10.2
PDL (dB)	0.3	0.25	0.3	0.3	0.3	0.35
Directivity (dB)	55					
Operating temperature (°C)	-40~85					
Dimension	L70×φ4.0	100x80x10 mm	L70×φ4.0	100x80x10 mm	100x80x10 mm	

Connector loss not included

Packages



Ordering

GLFC	Splitting type	Operating wavelength	Splitting Ratio	Package	Cable type	Cable length	Connector	
							input	output
GB-Link Fused Coupler	102=1X2	SW13=1310nm	50/50	A=L45×φ3.0mm	B=250um bear fiber	03=0.3m	0=No connector	
	103=1X3	SW15=1550nm	40/60	B=L54×φ3.0mm	T=tight buffer	05=0.5m	1=SC/APC	
	104=1X4	DW=1310&1550nm	30/70	C=90x20x10mm	09=0.9mm loose tube	10=1m	2=SC/UPC	
	105=1X5	TW=1310&1490&1550nm	20/80	D=100x80x10mm	20=2.0mm loose tube	15=1.5m	3=LC/APC	
	106=1X6	FB=1260-1620nm	10/90	E=L70×φ4mm	30=3.0mm loose tube	20=2m	4=LC/UPC	
				5/95 EV=even split	O=Customerized	CO=Customerized		5=FC/APC 6=FC/UPC ST=ST connector MU=MU connector

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