

1x2 /2x2 Large Fiber Core 200/220μm Coupler/Splitter

Product Description

The FC Series fiber optic coupler is based on fused biconical taper technology and compact packaging structure. It features good uniformity, low excess loss and very low polarization sensitivity. The device is ideal for splitting or combining light with exceptional performance over a wide wavelength range



Features

- Wavelength Independent
- Low Insertion Loss
- Low PDL
- Highly Stable & Reliable
- Ultra Low Cost

Performance Specifications

FC Series		Premium	Grade A	Unit
Splitting Ratio		5/95 to 50/50		
Central Wavelength		450/550/650/850/1310		nm
Bandwidth		± 20		nm
Excess Loss		0.37	0.45	dB
Insertion Loss	50/50	3.6/3.8	3.8/3.8	dB
	40/60	4.6/2.6	5.0/3.0	dB
	30/70	5.9/1.9	6.3/2.3	dB
	20/80	7.8/1.2	8.3/1.7	dB
	10/90	11.2/0.7	12.0/1.2	dB
	5/95	15.0/0.5	16.0/0.8	dB
Uniformity		1	1.2	dB
Optical Power Handling		8		W
Operating Temperature		-40~85		°C
Storage Temperature		-50~85		°C
Package		900um loose tube: (ø)3.9x(L)70		

* Other package options available on request

Applications

- Sensor
- Lasers
- Medical

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Ordering Information

FCLC-	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Port	Wavelength	Grade	Package	Splitting Ratio	Fiber Type	Cable Type	Fiber Length	Connector
	1 = 1x2 2 = 2x2	7 = 1310nm 8 = 850nm 6 = 650nm 5 = 550nm 4 = 450nm 0 = Special	P = P Grade A = A Grade	2 = 70(L) 0 = Special	1 = 50/50 3 = 05/95 4 = 10/90 5 = 20/80 6 = 30/70 7 = 40/60 0 = Special	2 = NA0.22	2 = 900um tube 0 = Special	1 = 0.5m 2 = 0.75m 3 = 1.0m 0 = Special	0 = None 1 = FC/PC 3 = FC/APC 8 = ST 0 = Special