

# 1550nm 1x2 Single Mode Fiber Optic Coupler/Splitter

## Product Description

The FC Series fiber optic coupler is based on Agiltron's 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



## Performance Specifications

FC Series	Parameters	Unit
Splitting Ratio	10/90	
Operating Wavelength	1500~1565	nm
Excess Loss	0.1	dB
Insertion Loss	12.0/0.6	dB
Polarization Dependent Loss	0.15	dB
Uniformity	0.8	dB
Optical Power Handling	5	W
Operating Temperature	-40~85	°C
Storage Temperature	-50~85	°C
Package Dimension *	Bare fiber: (ø)3x(L)54	mm

\* Other package options available on request

## Features

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

## Applications

- Optical communications
- FTTX
- Local Access Network (LAN)
- Fiberoptic Instrumentation

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## Ordering Information

FCSA-	1	O	S	1	4	1	1	<input type="checkbox"/>	<input type="checkbox"/>
	Port			Package	Splitting Ratio	Fiber Type		Fiber Length	Connector
	1 = 1x2			1 = 54(L)	4 = 10/90	1 = G.652	1 = 250µm fiber	1 = 0.5m 2 = 0.75m 3 = 1.0m 0 = Special	0 = None