



# FOC Series

## Fiber Optic Couplers

The FOC Series of optical couplers are used to split 1310 & 1550 nm light sources, with minimal loss. The couplers are 19 inch rack mountable and have FC/APC or SC/APC connectors for superior reflection performance.



## Features

- High directivity, low insertion loss
- 1310 & 1550 nm dual window operation
- 1x 2, 4, 8, 16 models with either FC/APC or SC/APC connectors
- 1RU rack mountable

## Ordering Information

Model	Stock #	Description
FOC-102U-FA	7450 S	1x2 Coupler with FC/APC connectors
FOC-102U-SA	7450 S	1x2 Coupler with SC/APC connectors
FOC-104U-FA	7454 F	1x4 Coupler with FC/APC connectors
FOC-104U-SA	7454 S	1x4 Coupler with SC/APC connectors
FOC-108U-FA	7457 F	1x8 Coupler with FC/APC connectors
FOC-108U-SA	7457 S	1x8 Coupler with SC/APC connectors
FOC-116U-FA	7460 F	1x16 Coupler with FC/APC connectors
FOC-116U-SA	7460 S	1x16 Coupler with SC/APC connectors

# Specifications

## Optical Specs

Stock Number	Insertion Loss (dB)		Uniformity Max (dB)	Directivity Min (dB)	Center Wavelength (nm)	Bandwidth (nm)
	Typical	Max				
7450 F/S	3.3	4.3	0.7	50	1310 & 1550	+/- 40
7454 F/S	6.3	8.0	1.4	50	1310 & 1550	+/- 40
7457 F/S	9.5	11.5	2.1	50	1310 & 1550	+/- 40
7460 F/S	12.6	15.0	2.8	50	1310 & 1550	+/- 40

## General

Chassis Dimensions (W x H x D):	19.0" x 1.75" x 7.88" (483 mm x 44 mm x 200 mm)
Material:	Steel Chassis
Weight:	2.65 lbs (1.2 kg)

