

# FIBER OPTIC COUPLERS

## FIBER CONNECT SERIES-FOC



FOC-132U-SA



FOC-22/23

### ○ Features & Benefits

- Low Insertion Loss - High Directivity
- 1310 & 1550nm Dual Window Operation
- 1 x 2, 3, 4, 6, 8, 16, 32 Models
- Rack Mount
- FC/APC & SC/APC Connector Models

### ○ Specifications

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 SC/APC connectors for superior reflection performance.

#### FOC-22/23 (748X)

##### Optical

Number Of Inputs:	1				
Wavelength:	1310 & 1550 nm				
Number of Outputs:	1x2	1x3	1x4	1x6	1x8
Insertion Loss (Individual Port):	≤3.6 dB	6.0 dB	7.3 dB	9.7 dB	10.8 dB
Uniformity:	≤0.6 dB	1.0 dB	1.0 dB	1.0 dB	1.9 dB
Directivity:	≥ 50 dB	50 dB	50-dB	50 dB	50 dB

##### Mechanical

Dimensions (WxHxD): 19.00 x 1.75 x 16.72 in, 483 x 44 x 425 mm

##### Connectors

FC/APC

#### FOC-1XXU-SA (745X)

##### Optical

Number of inputs:	1				
Wavelength:	1310 & 1550 nm				
Number of outputs:	1x2	1x4	1x8	1x16	1x32
Insertion Loss (max):	4.3 dB	7.4 dB	11 dB	14.8 dB	18.5 dB
Uniformity:	>55 dB	>55 dB	>55 dB	>55 dB	>55 dB
Directivity:	>55 dB	>55 dB	>55 dB	>55 dB	>55 dB

##### Mechanical

Dimensions (WxHxD):	2,4 & 8 Output	19x1.75x11.75 in 483x44.5x298.5 mm
	16 & 32 Output	19x3.5x11.75 483x89x298.5 mm

##### Connectors:

SC/APC

### ○ Ordering Information

Model	Stock No.	Description
FOC-22-12-U-XX	7482UXX	1x2 Fiber Optic Coupler, 19" Rack Mount 1310/1550 nm, FC/APC Connectors
FOC-23-13-U-XX	7483UXX	1x3 Fiber Optic Coupler, 19" Rack Mount, Truly Fused 1310/1550 nm, FC/APC Connectors
FOC-23-14-U	7484U	1x4 Fiber Optic Coupler, 19" Rack Mount, Truly Fused 1310/1550 nm, FC/APC Connectors
FOC-23-16-U	7486U	1x6 Fiber Optic Coupler, 19" Rack Mount 1310/1550 nm, FC/APC Connectors
FOC-23-18-U	7488U	1x8 Fiber Optic Coupler, 19" Rack Mount 1310/1550 nm, FC/APC Connectors
FOC-102U-SA	7450	1x 2 Fiber Optic Coupler, 19" Rack Mount 1310/1550nm, SC/APC Connectors
FOC-104U-SA	7454	1x 4 Fiber Optic Coupler, 19" Rack Mount 1310/1550nm, SC/APC Connectors
FOC-108U-SA	7457	1x 8 Fiber Optic Coupler, 19" Rack Mount 1310/1550nm, SC/APC Connectors
FOC-116U-SA	7460	1x 16 Fiber Optic Coupler, 2RU 19" Rack Mount 1310/1550nm, SC/APC Connectors
FOC-132U-SA	7453	1x 32 Fiber Optic Coupler, 2RU 19" Rack Mount,1310/1550nm, SC/APC Connectors