



INSTRUCTION MANUAL

FOC Series

Fiber Optic Rack Mount Couplers

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

The FOC Series are optical couplers used to split 1310 and 1550 nm light sources from one input to up sixteen fibers.

The couplers feature a rack mountable chassis with either FC/APC or SC/APC connectors to provide superior reflection performance.

Optical Specifications

Model	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

Mechanical Specifications

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)