



COUPLER SPECIFICATIONS	
WAVELENGTH RANGE	1280 -1400 nm
INSERTION LOSS	1.6 MAX * †
ISOLATION	28 dB *
DIRECTIVITY (1→3)	50 dB MIN
POLARIZATION DEPENDENT LOSS	0.2 dB MAX
POLARIZATION MODE DISPERSION	0.05 ps MIN
POLARIZATION EXTINCTION RATIO	N/A
CHROMATIC DISPERSION	3 ps/nm MAX
RETURN LOSS	45 dB MIN †
MAX OPTICAL POWER	500 mW
OPERATING TEMPERATURE °C	0 TO 70°C
STORAGE TEMPERATURE °C	-40 TO 85°C
OPERATING RELATIVE HUMIDITY	5% - 95%
STORAGE RELATIVE HUMIDITY	5% - 95%

† INCLUDES CONNECTOR

*INCLUDES WAVELENGTH, TEMP. AND POLARIZATION DEPENDENCE

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com FIBER OPTIC CIRCULATOR, 1280-1400nm, FC/APC	
NAME	DATE			
DRAWN	KBC	23/MAR/12	MATERIAL	
APPROVAL	KAH	06/JUN/13		
COPYRIGHT © 2012 BY THORLABS			N/A	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			CIR-1310-50-APC	99 g
			REV B	