



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

**SPECIFICATIONS**

FREQUENCY RANGE: 30–512 MHz  
 COUPLING: 10±1.0dB Nom.  
 FLATNESS: ±1.0dB Max.  
 INSERTION LOSS: 0.50dB Max.  
 DIRECTIVITY: 13dB Min.  
 VSWR (ML): 1.30:1 Max.  
 POWER: 50W CW

MATERIAL:		 MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://www.mcli.com	SCALE:	N/A			
			SHEET:	N/A			
		UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.02 ±.008 ANGLE: ±1/2°	DRAWING TITLE: <b>4-PORT BI-DIRECTIONAL COUPLER</b>				
		PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)	PART NO.: <b>HXL-3-10</b>				
DRAWN: Paiboon Luekhamhan	DATE: 08-05-2011	 THIRD ANGLE PROJECTION	CAGE CODE:	OD2L5			
APPROVED: T. Nguyen	DATE: 08-05-2011		SIZE:	N/A	REV:	N/A	DWG NO.:
			DO NOT SCALE THE DRAWING				