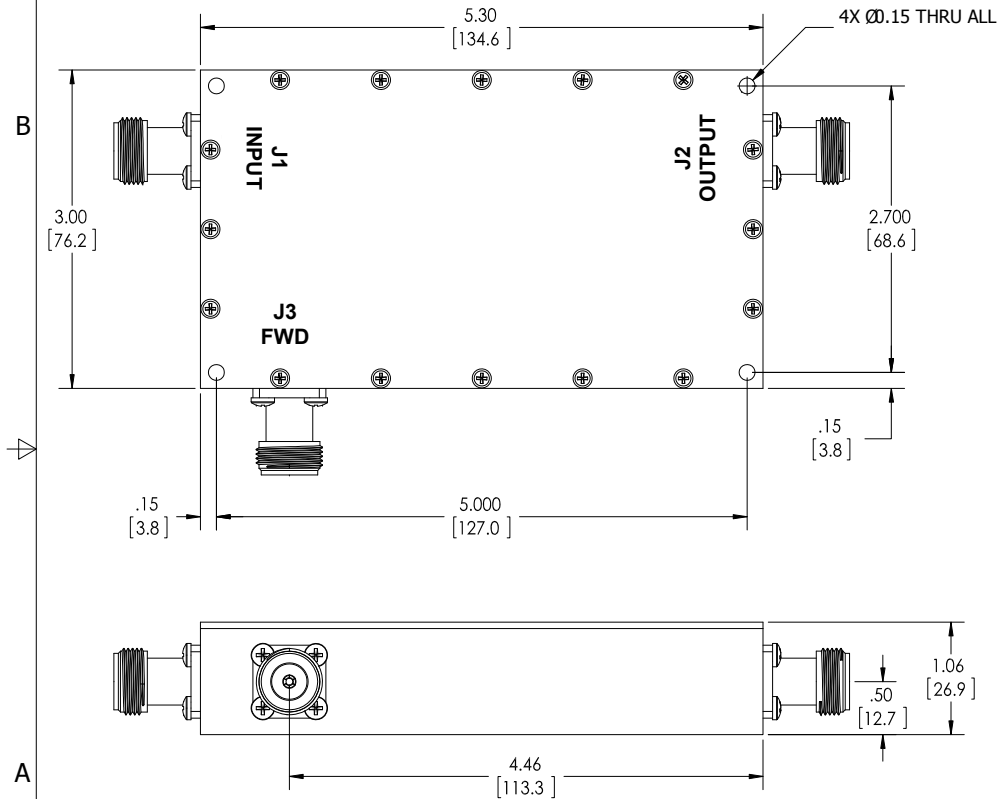


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Standard connector configurations are as follows:

Model	Input(J1)	Output(J2)	Fwd(J3)
C10090W-10	N Female	N Female	N Female

REVISION HISTORY

REV.	REVISION RECORD	DATE	APPROVED
-	INITIAL RELEASE	6/30/2014	SC

Notes:

1. Material: Aluminum 6061-T6
2. Finish: Black Epoxy Paint/White Epoxy Lettering
3. Connectors: N Female
4. Operating Temperature: -55°C to +75°C
5. Storage Temperature: -60°C to +85°C
6. Watertight Design, O-Ring Sealed
7. Humidity: 100% Condensing
8. Insertion Loss is Independent of theoretical coupling loss
9. During normal operation, the uneven splitter will not require any heat dissipation. In the case of a failure in the cable connected to J2 or J3, however, the unit must be mounted to a heat spreader capable of dissipating 35 W CW.

Model C10090W 20 dB Uni-Directional Coupler

Electrical Specifications:

Frequency:	100 - 500 MHz
Power:	100 W CW
Coupling:	20 dB $\pm$ 1.0 dB Nom.
Flatness:	20 $\pm$ 1.0 dB Max.
Insertion Loss:	0.3 dB Max.
VSWR(ML):	1.30:1 Max.
Directivity:	20 dB Min.

		UNLESS OTHERWISE SPECIFIED		OWN	DATE	 WERLATONE SINCE 1965	17 Jon Barrett Rd Patterson, NY 12563		
		• INTERPRET DRAWING LAW MIL-STD-100 • DIMENSIONING PER ASME Y14.5M-2009 • PARENTHESES ARE FOR REF ONLY • DIMENSIONS ARE IN INCHES (mm) • DIMENSIONAL LIMITS APPLY BEFORE PROCESSES • TOLERANCES: ANGLES A 2° 2 PL. & .005 (.13) 3 PL. & .015 (.38) • REMOVE ALL BURRS AND SHARP EDGES R.01 MAX • CONCENTRICITY MACHINED DIA: .002 FIM • MACHINE TOOL MISMATCH .003 MAX		SC	6/30/2014				
				CHK	DATE			TITLE	
				NH	6/30/2014				
				ENGR	DATE			SIZE	
				BW	6/30/2014				
				WFR	DATE			CAGE CODE	
				QA	DATE				
				RLSE	DATE			DWG NO	
NEXT ASSY		C10090W USED ON		SCALE				REV	
APPLICATION		THIRD ANGLE PROJECTION 							
								B 28812 21208-500	
								SHEET 1 OF 1	