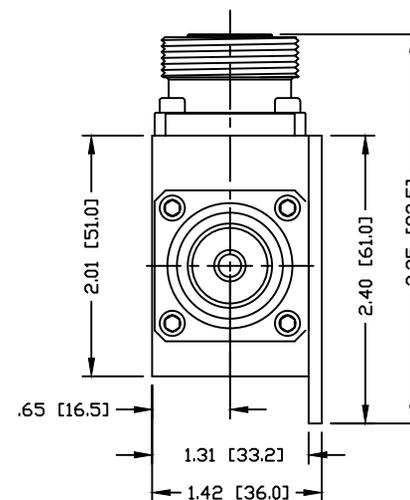
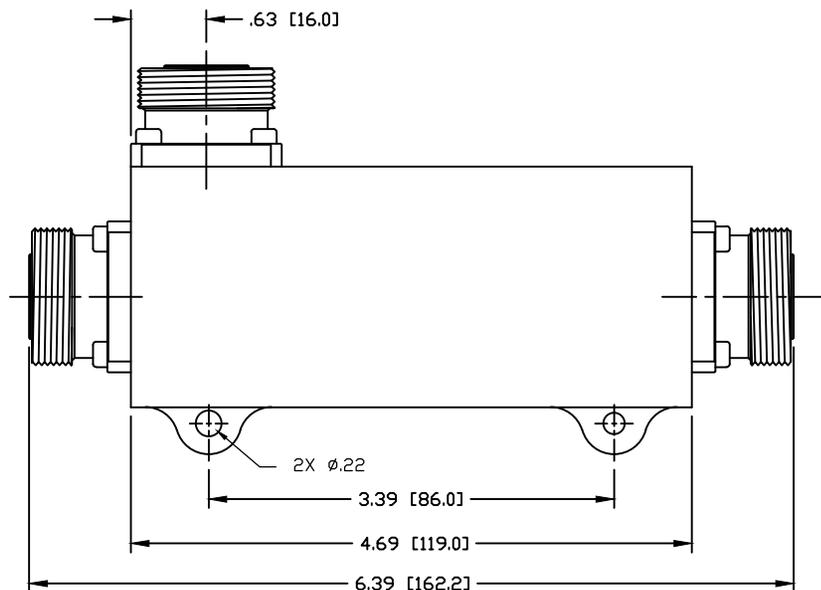


PART NO.

**RFDC-6DBC-DF**

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	03/23/16	JDMc

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms  
 OPERATION FREQUENCY BAND: 698-2700 MHz  
 3RD INTERMODULATION:  $\leq -155$  dBc (RELATIVE TO CARRIER)  
 3RD INTERMODULATION TEST METHOD: TWO+43dBm CARRIERS  
 AVERAGE POWER: 200 WATT  
 INSERTION LOSS:  $\leq 1.7$  dB@698-2700MHz  
 PEAK POWER (W) MAX: 1Kw  
 COUPLING: -6dB  
 COUPLING TOLERANCE:  $\pm 0.8$  dB  
 ISOLATION:  $\geq 26$  dB@698-2700MHz  
 VSWR:  $\leq 1.20$   
 INNER CONTACT PLATING: SILVER  
 OUTER PLATING: WHITE BRONZE  
 OPERATION TEMPERATURE:  $-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$   
 RELATIVE HUMIDITY: UP TO 100%  
 APPLICATION: INDOOR/OUTDOOR  
 REGULATORY COMPLIANCE/CERTIFICATIONS: RoHS/IP67

CUSTOMER OUTLINE DRAWING ALL DIMENSIONS ARE REFERENCE ONLY		<b>RoHS</b> <b>COMPLIANT</b>		<b>RFconnectors</b> DIVISION OF RF INDUSTRIES, LTD.		7610 MIRAMAR RD. SAN DIEGO, CA 92126 (858) 549-6340 (858) 549-6345 FAX	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND [MILLIMETERS]		PROPRIETARY AND CONFIDENTIAL THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO RF INDUSTRIES. ANY UNAUTHORIZED USE OF THIS DRAWING IS EXPRESSLY PROHIBITED WITHOUT WRITTEN PERMISSION FROM RF INDUSTRIES. ANY VIOLATION IS PUNISHABLE UNDER U.S. COPYRIGHT LAWS.		<b>6 dB DIRECTIONAL COUPLER</b> <b>7/16 DIN FEMALE - 698-2700 MHz</b>			
DRAWN C. ZUNIGA	03/23/16	SIZE A	CABLE GROUP	DWG NO. <b>RFDC-6DBC-DF</b>	REV —		
ORJ DRAWN C. ZUNIGA	03/23/16	SCALE: NTS	ENGINEERING ID: 000000	SHEET 1 OF 1			