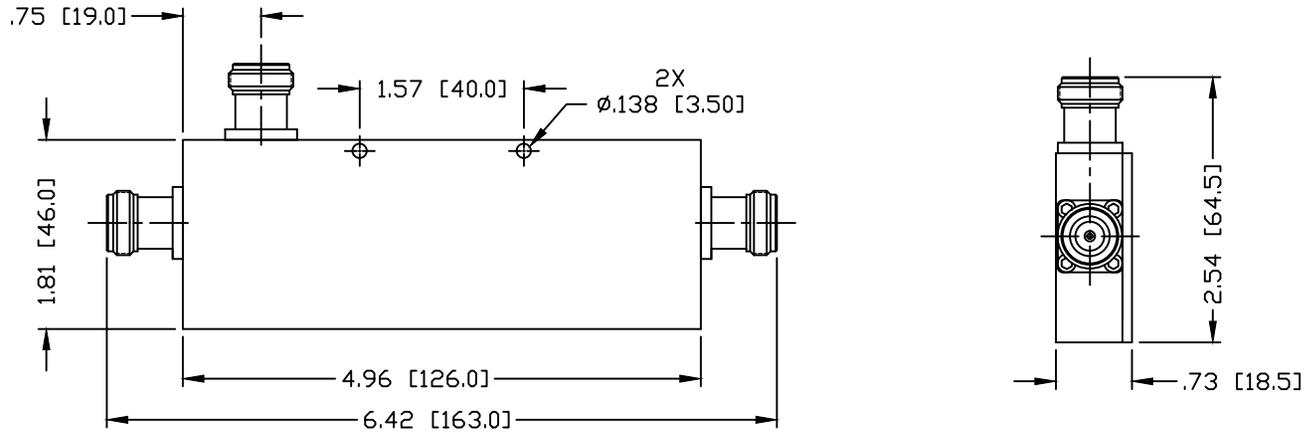


PART NO.

**RFDC-15DBC-NF**

REV	DESCRIPTION	DWN	DATE	APPROVED
A	UPDATED DESIGN & SPECS	CZS	09/19/19	JDMc

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms  
 OPERATION FREQUENCY BAND: 698–2700 MHz  
 COUPLING: 15dB  
 COUPLING TOLERANCE:  $\pm 1.0$ dB  
 INSERTION LOSS:  $\leq 0.50$ dB  
 ISOLATION:  $\geq 33$ dB  
 VSWR:  $\leq 1.25$   
 3rd ORDER IM:  $\leq -155$ dBc (RELATIVE TO CARRIER)  
 3rd ORDER IM TEST METHOD: 2x43dBm CARRIERS  
 AVERAGE POWER: 300 WATT  
 COLOR: BLACK  
 OPERATING TEMPERATURE:  $-35^{\circ}\text{C} \sim +65^{\circ}\text{C}$   
 APPLICATION: INDOOR/OUTDOOR  
 REGULATORY COMPLIANCE/CERTIFICATIONS: RoHS/IP65

NOTES:  
 CONNECTORS WILL HAVE PROTECTIVE CAPS ON

CUSTOMER OUTLINE DRAWING ALL DIMENSIONS ARE REFERENCE ONLY		<b>RoHS            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>15 dB DIRECTIONAL COUPLER            N FEMALE - 698-2700 MHz</b>			
DRAWN C. ZUNIGA	09/19/19	SIZE A	CABLE GROUP	DWG NO. <b>RFDC-15DBC-NF</b>	REVISION A		
CHECKED		SCALE: NTS	ENGINEERING ID: 000000	SHEET 1 OF 1			
ORJ DRAWN C. ZUNIGA	04/29/16						