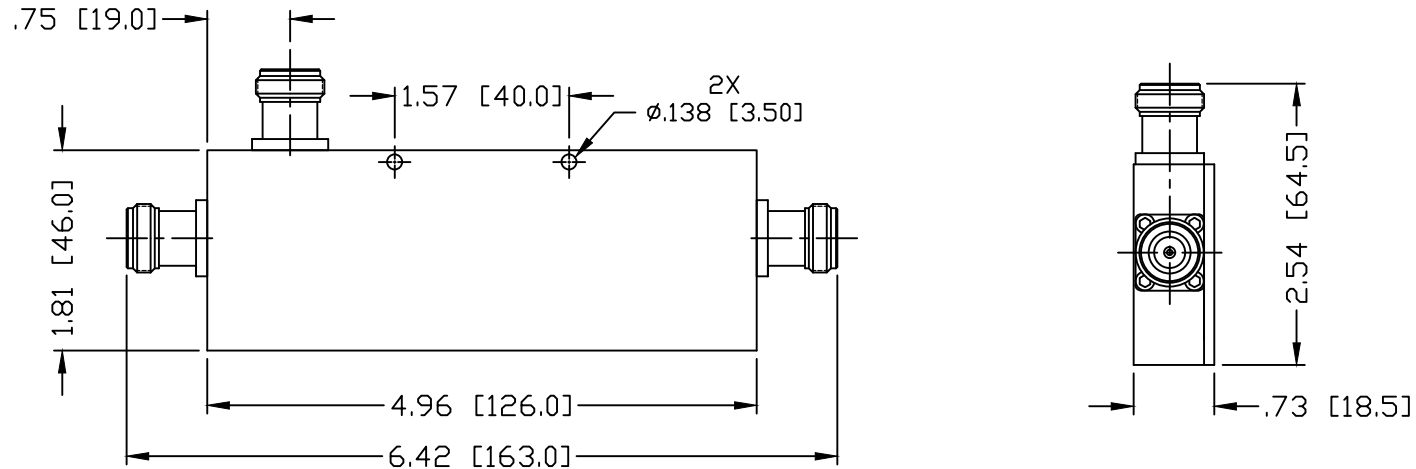


PART NO.

**RFDC-6DBC-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: 6dB  
 COUPLING TOLERANCE:  $\pm 0.8\text{dB}$   
 INSERTION LOSS:  $\leq 1.75\text{dB}$   
 ISOLATION:  $\geq 26\text{dB}$   
 VSWR:  $\leq 1.25$   
 3rd ORDER IM:  $\leq -155\text{dBc}$  (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 DRAWINGALL DIMENSIONS  
ARE REFERENCE ONLY
 UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 AND [MILLIMETERS]

DRAWN	09/19/19
C. ZUNIGA	
CHECKED	
ORJ DRAWN	03/14/16
C. ZUNIGA	

**RoHS**  
**COMPLIANT**

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 (858) 549-6345 FAX

**6 dB DIRECTIONAL COUPLER**  
**N FEMALE - 698-2700 MHz**

SIZE	CABLE GROUP	DWG NO.	REVISION
A		<b>RFDC-6DBC-NF</b>	A
SCALE:	ENGINEERING ID:	SHEET 1 OF 1	
NTS	000000		