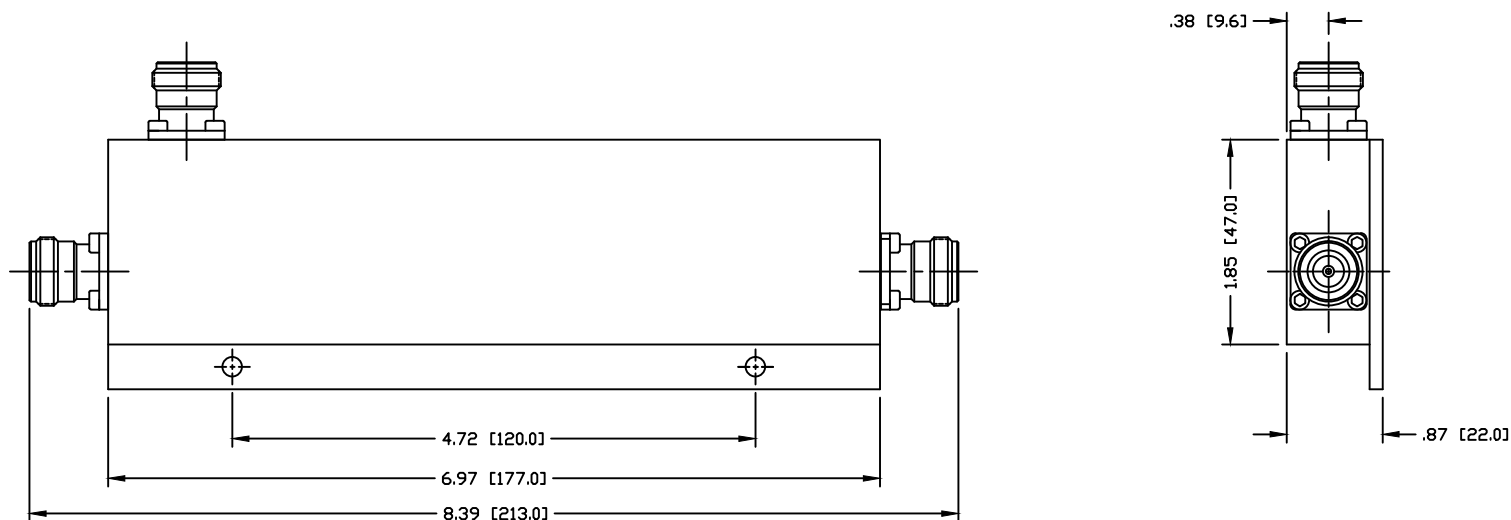


PART NO.

**RFDC-4.8DBA-NF**

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	03/22/16	JDMc

SPECIFICATIONS:

IMPEDANCE: 50 Ohms

OPERATION FREQUENCY BAND: 380-2700 MHz

3RD INTERMODULATION:  $\leq -155$  dBc (RELATIVE TO CARRIER)

3RD INTERMODULATION TEST METHOD: TWO+43dBm CARRIERS

AVERAGE POWER: 200 WATT

INSERTION LOSS:  $\leq 2.15$ dB@380-2700MHz

PEAK POWER: 1.5Kw

COUPLING: -4.8dB

COUPLING TOLERANCE:  $\pm 1.2$ dBDIRECTIVITY:  $\geq 20$ dBISOLATION AT FREQUENCY BAND:  $\geq 25$ dB@380-2700MHzVSWR:  $\leq 1.25$ 

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  
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ARE REFERENCE ONLYUNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
AND [MILLIMETERS]DRAWN  
C. ZUNIGA 03/22/16

CHECKED

ORJ DRAWN  
C. ZUNIGA 03/22/16**RoHS  
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(858) 549-6340  
DIVISION OF RF INDUSTRIES, LTD. (858) 549-6345 FAX**4.8 dB DIRECTIONAL COUPLER  
N FEMALE - 380-2700 MHz**

SIZE	CABLE GROUP	DWG NO.	REV
A		<b>RFDC-48DBA-NF</b>	—
SCALE: NTS	ENGINEERING ID: 000000	SHEET 1 OF 1	