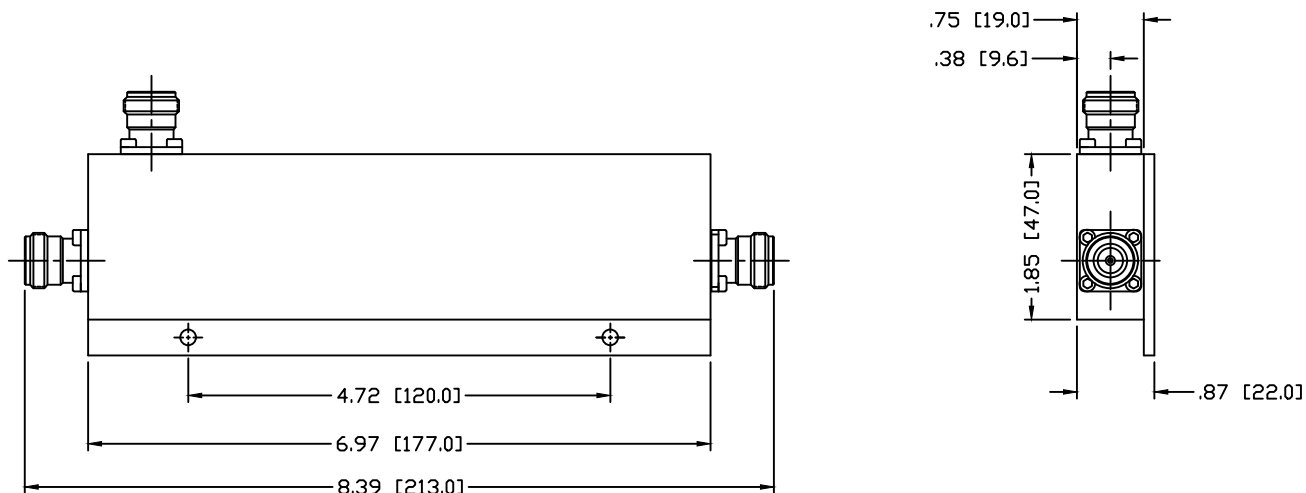


PART NO.

RFDC-8DBA-NF

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

SPECIFICATIONS:

IMPEDANCE: 50 Ohms

OPERATION FREQUENCY BAND: 380-2700 MHz

3RD INTERMODULATION: ≤ -155 dBc (RELATIVE TO CARRIER)

3RD INTERMODULATION TEST METHOD: TWO+43dBm CARRIERS

MAXIMUM AVERAGE POWER: 200 WATT

INSERTION LOSS: ≤ 1.1 dB@380-2700MHz

PEAK POWER: 1.5Kw

COUPLING: -8dB

COUPLING TOLERANCE: ± 1.2 dBDIRECTIVITY: ≥ 20 dBISOLATION AT FREQUENCY BAND: ≥ 28 dB@380-2700MHzVSWR: ≤ 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
OUTLINE DRAWINGALL DIMENSIONS
ARE REFERENCE ONLYUNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
AND [MILLIMETERS]

DRAWN	C. ZUNIGA	03/23/16
CHECKED		
ORJ DRAWN	C. ZUNIGA	03/23/16

**RoHS
COMPLIANT**

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RFconnectors7610 MIRAMAR RD.
SAN DIEGO, CA 92126
(858) 549-6340
DIVISION OF RF INDUSTRIES, LTD. (858) 549-6345 FAX**8 dB DIRECTIONAL COUPLER
N FEMALE - 380-2700 MHz**

SIZE	CABLE GROUP	DWG NO.	REV
A		RFDC-8DBA-NF	—
SCALE:	ENGINEERING ID:	SHEET 1 OF 1	
NTS	000000		