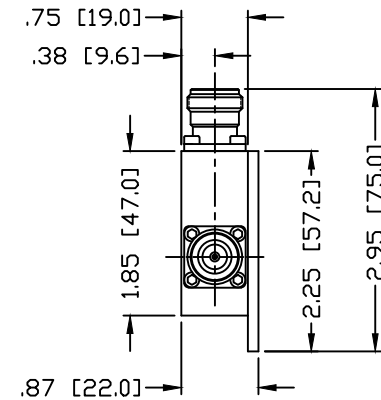
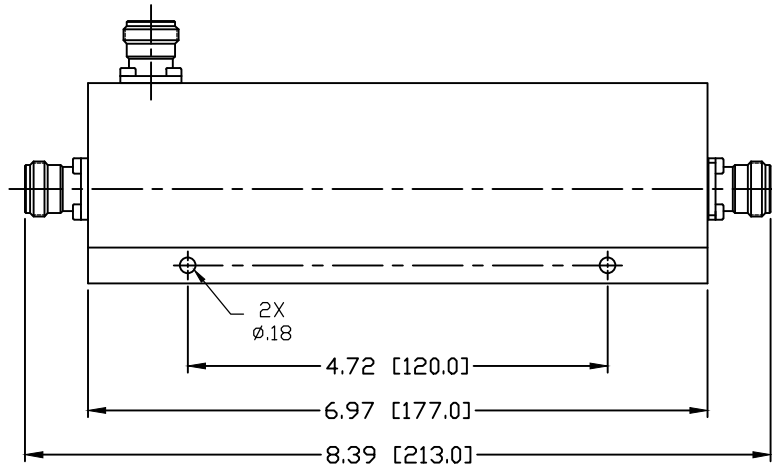


PART NO.

RFDC-13DBA-NF

REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	CZS	07/27/16	JDMc

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 OPERATION FREQUENCY BAND: 380–2700 MHz
 3RD INTERMODULATION: ≤ -155 dBc (RELATIVE TO CARRIER)
 3RD INTERMODULATION TEST METHOD: 2x43dBm CARRIERS
 MAXIMUM AVERAGE POWER: 200 WATT
 INSERTION LOSS: ≤ 0.5 dB @ 380–2700MHz
 PEAK POWER: 1.5KW
 COUPLING: -13 dB
 COUPLING TOLERANCE: ± 1.2 dB
 DIRECTIVITY: ≥ 20 dB
 ISOLATION AT FREQUENCY BAND: ≥ 33 dB @ 380–2700MHz
 VSWR: ≤ 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	07/27/16
CHECKED	
ORJ DRAWN	
C. ZUNIGA	07/27/16

RoHS
COMPLIANT

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.

RFconnectors
 DIVISION OF RF INDUSTRIES, LTD.

 7610 MIRAMAR RD.
 SAN DIEGO, CA 92126
 (858) 549-6340
 (858) 549-6345 FAX

13 dB DIRECTIONAL COUPLER
N FEMALE - 380-2700 MHz

SIZE	CABLE GROUP	DWG NO.	REV
A		RFDC-13DBA-NF	A
SCALE:	ENGINEERING ID:	SHEET 1 OF 1	
NTS	000000		