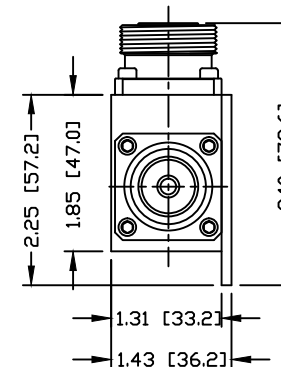
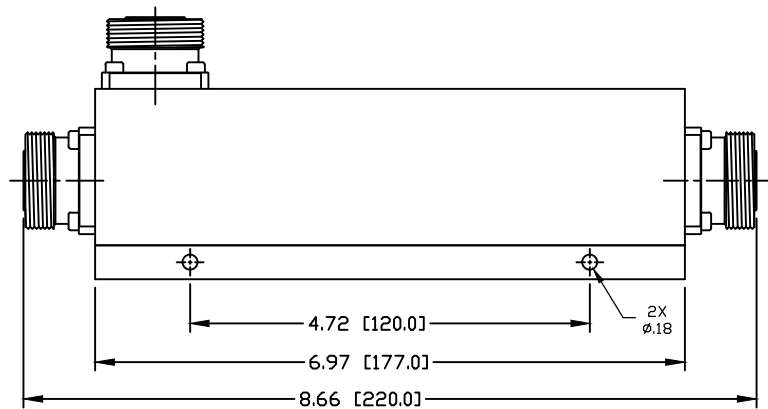


PART NO.

**RFDC-10DBA-DF**

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	07/26/16	JDMc

SPECIFICATIONS:

IMPEDANCE: 50 Ohms  
 OPERATION FREQUENCY BAND: 380–2700 MHz  
 3RD INTERMODULATION:  $\leq -155$  dBc (RELATIVE TO CARRIER)  
 3RD INTERMODULATION TEST METHOD: 2x43dBm CARRIERS  
 MAXIMUM AVERAGE POWER: 500 WATT  
 INSERTION LOSS:  $\leq 0.7$  dB @ 380–2700MHz  
 PEAK POWER: 1.5KW  
 COUPLING:  $-10$  dB  
 COUPLING TOLERANCE:  $\pm 1.2$  dB  
 DIRECTIVITY:  $\geq 20$  dB  
 ISOLATION:  $\geq 30$  dB @ 380–2700MHz  
 VSWR:  $\leq 1.25$   
 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  
OUTLINE DRAWINGALL DIMENSIONS  
ARE REFERENCE ONLYUNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
AND [MILLIMETERS]

DRAWN C. ZUNIGA	07/26/16
CHECKED	
ORJ DRAWN C. ZUNIGA	07/26/16

**RoHS**  
**COMPLIANT**

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 (858) 549-6345 FAX
 
**10 dB DIRECTIONAL COUPLER**  
**7/16 DIN FEMALE - 380-2700 MHz**

SIZE	CABLE GROUP	DWG NO.	REV
A		<b>RFDC-10DBA-DF</b>	—
SCALE: NTS	ENGINEERING ID: 000000	SHEET 1 OF 1	