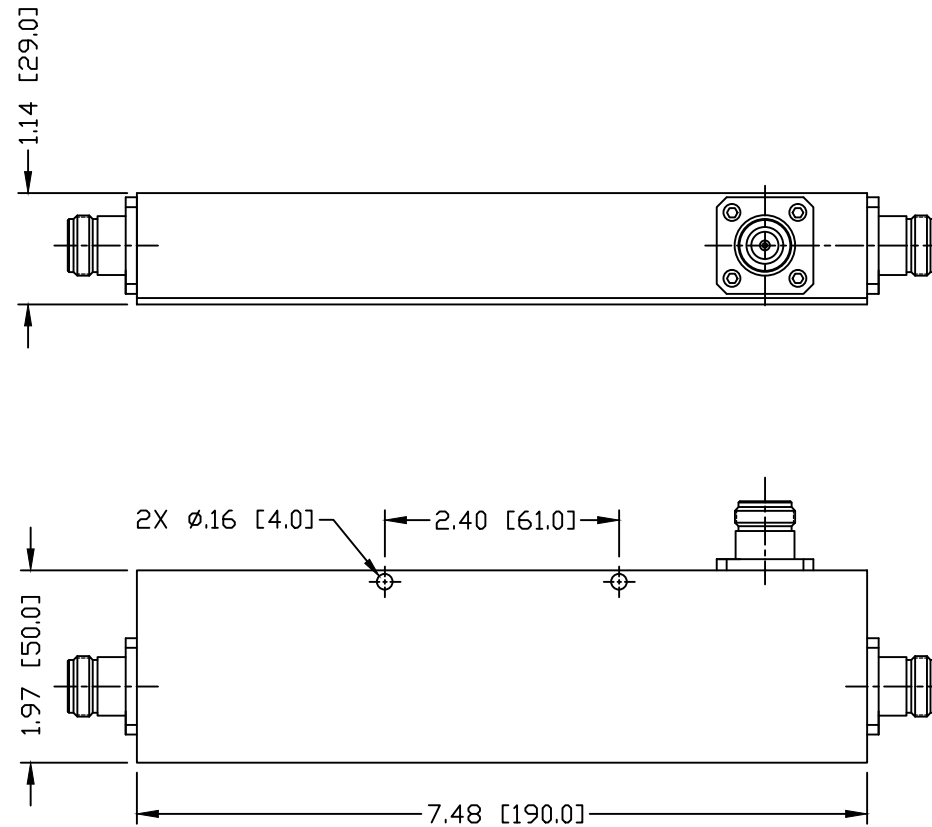


PART NO.

**RFDC-8DBA-NF**

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	11/11/19	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  
 AVERAGE POWER: 300W  
 INSERTION LOSS:  $\leq 1.55$  dB  
 COUPLING: 8dB  
 COUPLING TOLERANCE:  $\pm 1.3$  dB  
 ISOLATION:  $\geq 25$  dB  
 VSWR:  $\leq 1.3$   
 INNER CONTACT PLATING: SILVER  
 OUTER PLATING: WHITE BRONZE  
 OPERATION TEMPERATURE:  $-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$   
 APPLICATION: OUTDOOR  
 REGULATORY COMPLIANCE/CERTIFICATIONS: RoHS/IP67

CUSTOMER  
OUTLINE DRAWINGALL DIMENSIONS  
ARE REFERENCE ONLY
 UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 AND [MILLIMETERS]

DRAWN	11/11/19
C. ZUNIGA	
CHECKED	
ORJ DRAWN	11/11/19
C. ZUNIGA	

**RoHS**  
**COMPLIANT**

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 (858) 549-6345 FAX

**8 dB DIRECTIONAL COUPLER**  
**N FEMALE - 380-2700 MHz**

SIZE	CABLE GROUP	DWG NO.	REVISION
A		<b>RFDC-8DBA-NF</b>	—
SCALE:	ENGINEERING ID:	SHEET 1 OF 1	
NTS	2000010		