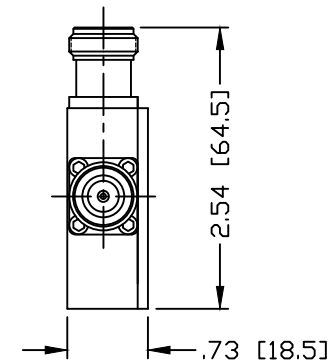
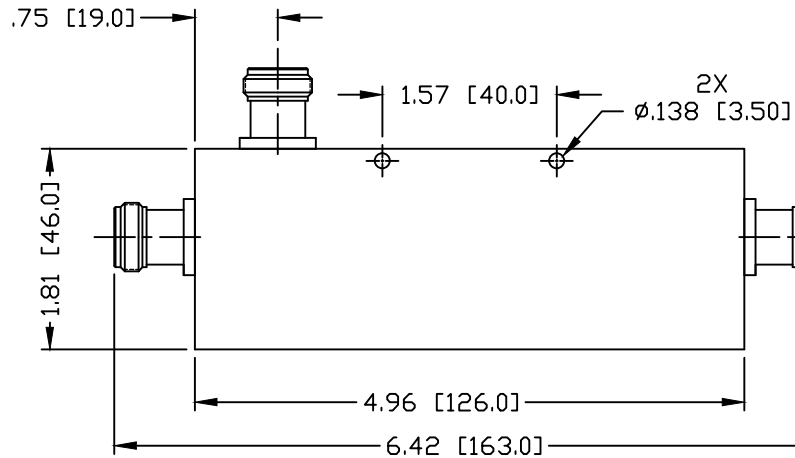


PART NO.

RFDC-4.8DBC-NF

REV	DESCRIPTION	DWN	DATE	APPROVED
A	UPDATED DESIGN & SPECS	CZS	09/19/19	JDMc

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms
 OPERATION FREQUENCY BAND: 698–2700 MHz
 COUPLING: 4.8dB
 COUPLING TOLERANCE: $\pm 0.8\text{dB}$
 INSERTION LOSS: $\leq 2\text{dB}$
 ISOLATION: $\geq 25\text{dB}$
 VSWR: ≤ 1.25
 3rd ORDER IM: $\leq -155\text{dBc}$ (RELATIVE TO CARRIER)
 3rd ORDER IM TEST METHOD: 2x43dBm CARRIERS
 AVERAGE POWER: 300 WATT
 COLOR: BLACK
 OPERATING TEMPERATURE: $-35^{\circ}\text{C} \sim +65^{\circ}\text{C}$
 APPLICATION: INDOOR/OUTDOOR
 REGULATORY COMPLIANCE/CERTIFICATIONS: RoHS/IP65

NOTES:
 CONNECTORS WILL HAVE PROTECTIVE CAPS ON

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

DRAWN	09/19/19
C. ZUNIGA	
CHECKED	
ORJ DRAWN	03/18/16
C. ZUNIGA	

RoHS
COMPLIANT

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 SAN DIEGO, CA 92126
 (858) 549-6340
 (858) 549-6345 FAX

4.8 dB DIRECTIONAL COUPLER
N FEMALE - 698-2700 MHz

SIZE	CABLE GROUP	DWG NO.	REVISION
A		RFDC-48DBC-NF	A
SCALE:	ENGINEERING ID:	SHEET 1 OF 1	
NTS	000000		