



(0.5 – 16)GHz 4G / 5G / LTE / GSM / WIFI / UHF / L / S / C / Ku-Band Antenna
 P/N: 2BR-0.50-16.00V-XS-2-C130 (0.50-16.00 GHz) ; P/N: 2BR-1.62-15.35V-XS-2-C130 (1.62-15.35 GHz)
 P/N: 2BR-0.50-3.00V-XS-2-C130 (0.50-3.00 GHz) ; P/N: 2BR-0.50-6.00V-XS-2-C130 (0.50-6.00 GHz)



Other Frequencies, Connector, Color and Mounting Options are Available

ISO 9001:2008/FAA Approved Facility Antenna Mounts/Adapters: <http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf>

ANTCOM CORPORATION . 367 Van Ness Way, Suite 602 . Torrance, CA 90501, USA . Tel: (310) 782-1076 . Fax: (310) 782-1086 . E-mail: antennas@antcom.com . <http://www.antcom.com>

4X $\phi 0.221$ [$\phi 5.61$] THRU
 $\phi 0.385$ [$\phi 9.78$] X 100°

5.250 [133.35]

2.500 [63.50]

R1.250 [R31.75]

$\phi 2.500$ [$\phi 63.50$]

$\phi 2.097$ [$\phi 53.26$]

2.300 [58.42]

$\phi 0.629$ [$\phi 15.98$]

1.690 [42.93]

3.740 [95.00]

0.140 [3.56]

SMA FEMALE CONNECTOR
 (OPTION: TNC, N, MCX, MMCX, or Cable)

16-0772-2BR-2BR
 MADE IN USA

PASTEL ILLUSTRATION
 FOR 2BR ANTENNA
 FOR 2BR ANTENNA
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 FOR 2BR ANTENNA

SPECIFICATIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
A		BEAM WIDTH	02/07/16	S.H
B		PN/GAIN/VSWR	03/27/17	S.H

ELECTRICAL:

FREQUENCY (MHz):	UHF/GSM (700-960)	L-BAND (1625-2200)	S-BAND (2200-2500)	C-BAND (4400-4950) (5250-5850)	Ku-BAND (14.40-14.83)GHz (15.15-15.35)GHz
RADIATION PATTERN:	OMNIDIRECTIONAL				
POLARIZATION:	VERTICAL				
ANTENNA GAIN (dBil):					
2 ft GP:	+3.4dB	(+4 to +5)dB	+5dB	(+4 to +6)dB	(+7 to +9)dB
VSWR:	2 : 1				
IMPEDANCE:	50 Ω				
BEAM WIDTH (3dB), Elevation:	(40-70) Deg.				
BEAM WIDTH (3dB), Azimuth:	360 Deg.				
POWER HANDLING:	50 W				

MECHANICAL:

SIZE: LENGTH: 5.250 in. [133.35 mm], WIDTH: 2.500 in. [63.50 mm]
 HEIGHT: 2.300 in. [58.42 mm]

WEIGHT: 5.11 oz. (145 g)

FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL
 BASE IRIDITE PER MIL-C-5541F TYPE II CLASS 1A (CLEAR)
 LUSTERLESS GRAY #36320 PER FED-STD-595B

COLOR: 6061-T6 ALUMINUM ALLOY BASE

MATERIAL: COMPOSITE RADOME, IMPACT, ABRASION, UV, SOLVENT, SKYDROL RESISTANCE, AND FIRE RETARDANT

CONNECTOR: SMA FEMALE
 (OPTION: TNC, SMA, N, N Bulkhead, MCX, MMCX, or Cable)

ENVIRONMENTAL:

TEMPERATURE: -67 °F TO +185 °F [-55 °C TO +85 °C] (Operational)
 -85 °F TO +302 °F [-65 °C TO +150 °C] (Storage)

ALTITUDE: 70,000 ft.

VIBRATION: 10 G's

LEAKAGE: HERMETICALLY SEAL

FEDERAL & MILITARY SPECIFICATIONS:

DESIGN TO: TSO-C169A/C144, DO-160D, D0-228, MIL-C-5541F, MIL-STD-461E/F, MIL-E-5400, MIL-I-45208A, MIL-STD-810, MIL-S-901D, MIL-STD-167-1A, SAE J1455

QUANTITY	DESCRIPTION	PART NO	MATERIAL	FINISH	TREAT
1	O-RING	MS28776-25, ITEM 553-025			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
 FRACTIONS: DECIMALS: ANGLES
 $\pm 1/64$.005 .015 $\pm 1^\circ$
 .001 .002 .005

REMOVE ALL BURRS
 BREAK EXTERNAL EDGES .005 TO .010
 FILED R .005 TO R .010
 SCREW THREADS PER MIL-S-8879
 DIA'S ON A CONFORM & 27 .000
 MACHINED SURFACES $\sqrt{}$

DO NOT SCALE DRAWING

ANTCOM CORP. TORRANCE, CALIFORNIA
 4G/LTE/GSM/WIFI/UHF
 L/S/C/Ku-Band
 VIDEO/DATA LINK ANTENNA

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