



ISO 9001:2008/FAA Approved Facility

Antenna Mounts/Adapters: <http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf>

S/C + Ku-Band Antenna

P/N: 9BR-S-C-KURRR-XSSS-2-5dB

Other Frequencies and Mounting Foot Prints Are Available



FAA Approved
TSO Antennas

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>

NOTICE OF PROPRIETARY RIGHTS
THIS DOCUMENT CONTAINS CONFIDENTIAL, TECHNICAL DATA INCLUDING TRADE SECRETS PROPRIETARY TO ANTCOM CORP. DISCLOSURE OF THIS DATA TO YOU IS EXPRESSLY CONSIDERED UNLAWFUL. YOUR AGREEMENT TO THIS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY AND DOES NOT INCLUDE REPRODUCTION, REVERSE ENGINEERING, AND OTHER USES AS SPECIFICALLY PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF ANTCOM CORP.

4X ϕ .201 [ϕ 5.11] THRU
 ϕ .385 [ϕ 9.78] X 100 ϕ
ON 1.344 RAD.

ϕ 3.500 [ϕ 88.90]
 ϕ 1.960 [ϕ 49.78]
1.900 [48.26] SQ.

8.783 [223.09]

SMA FEMALE CONNECTOR

R.457 [R11.61]

O-RING
P/N: 2-031/N756-75
O.D.: 1.927
I.D.: 1.741

P/N: 9BR-S-C-KURRR-XSSS-X-5dB

SPECIFICATIONS

ZONE	REVISIONS			
	REV	DESCRIPTION	DATE	APPROVED

ELECTRICAL:

	S-Band	C-Band	Ku-Band
FREQUENCY (GHz):	(2.2-2.5)	(4.4-5.0)	(14.4-15.35)
RADIATION PATTERN:	OMNIDIRECTIONAL		
POLARIZATION:	RHCP		
ANTENNA GAIN (1f. GP):	5 dB	5 dB	5 dB
VSWR:	2.0:1		
OUTPUT IMPEDANCE:	50 Ω		
POWER HANDLING:	>50 watts		

MECHANICAL:

SIZE: DIAMETER = 3.50 in. [88.90 mm]
HEIGHT = 8.783 in. [223.09 mm]

WEIGHT: 8.15 oz. (231 g)

FINISH: TEFLON NATURAL WHITE OR SKYDROL RESISTANT POLYURETHANE ENAMEL BASE IRIDITE PER MIL-C-5541

COLOR: TEFLON NATURAL WHITE
LUSTERLESS GRAY #36320 PER FED-STD-595B
OLIVE DRAB GREEN #34031 PER FED-STD-595B
LUSTERLESS BLACK #37038 PER FED-STD-595B

MATERIAL: 6061-T6 ALUMINUM ALLOY BASE
COMPOSITE RADOME, IMPACT, ABRASION, UV, SOLVENT, AND SKYDROL RESISTANCE, FIRE RETARDANT

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

ENVIRONMENTAL:

TEMPERATURE: -67 °F to +185 °F [-55 °C to +85 °C]

ALTITUDE: 70,000 ft.

VIBRATION: > 30 G's

LEAKAGE: HERMETICALLY SEAL

FEDERAL & MILITARY SPECIFICATIONS:

DESIGN TO: FAA TSO-C144, DO-160D, D0-228, MIL-C-5541, MIL-E-5400, MIL-I-45208A, MIL-STD-810, AND SAE J1455

NOTES: UNLESS OTHERWISE SPECIFIED:

CABLE'S LENGTH:	CONNECTOR:	COLOR:
X: NO CABLE	S: SMA, BNC: BNC	-1: TEFLON NATURAL WHITE
#: CABLE LENGTH (IN)	T: TNC, TB: TNC-BLK	-2: LUSTERLESS GRAY #36320 PER FED-STD-595B
R: RIGHT ANGLE CON.	N: N, NB: N-BLK	-3: CAMO GREEN #34094 PER FED-STD-595B
		-4: LUSTERLESS BLACK #37038 PER FED-STD-595B
		-5: DESERT TAN #33446 PER FED-STD-595B

QTY	DESCRIPTION	PART NO	MATERIAL	FINISH	ITEM NO
	O-RING	2-031/N756-75	-	-	2
					1

ANTCOM CORP. TORRANCE, CALIFORNIA

OUTLINE DRAWING
9BR ROD
S/C/KU-BAND ANTENNA

DATE: 30VE1
SCALE: 1/1
SHEET 1 OF 1

NMO Connector Option is Now Available for Some Antennas