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SPECIFICATIONS		REVISIONS																	
		ZONE	REV	DESCRIPTION	DATE	APPROVED													
<p>ELECTRICAL:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>FREQUENCY (GHz):</td><td>S-Band (2.2-2.5)</td></tr> <tr><td>RADIATION PATTERN:</td><td>OMNIDIRECTIONAL</td></tr> <tr><td>POLARIZATION:</td><td>RHCP</td></tr> <tr><td>ANTENNA GAIN (1ft GP):</td><td>3 dB</td></tr> <tr><td>VSWR:</td><td>2.0:1</td></tr> <tr><td>OUTPUT IMPEDANCE:</td><td>50 Ω</td></tr> <tr><td>POWER HANDLING:</td><td>>50 watts</td></tr> </table>		FREQUENCY (GHz):	S-Band (2.2-2.5)	RADIATION PATTERN:	OMNIDIRECTIONAL	POLARIZATION:	RHCP	ANTENNA GAIN (1ft GP):	3 dB	VSWR:	2.0:1	OUTPUT IMPEDANCE:	50 Ω	POWER HANDLING:	>50 watts				
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<p>MECHANICAL:</p> <p>SIZE: DIAMETER = 3.50 in. [88.90 mm] HEIGHT = 8.783 in. [223.09 mm]</p> <p>WEIGHT: 1.28 lbs (580 g)</p> <p>FINISH: TEFLON NATURAL WHITE OR SKYDROL RESISTANT POLYURETHANE ENAMEL BASE IRIDITE PER MIL-C-5541F</p> <p>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</p> <p>MATERIAL: 6061-T6 ALUMINUM ALLOY BASE COMPOSITE RADOME, IMPACT, ABRASION, UV, SOLVENT, AND SKYDROL RESISTANCE, FIRE RETARDANT</p> <p>CONNECTOR: SMA-FEMALE (OPTION: TNC, N, N Bulkhead, MCX, MMCX, or Cable)</p>																			
		<p>ENVIRONMENTAL:</p> <p>TEMPERATURE: -67 °F TO +185 °F [-55 °C TO +85 °C]</p> <p>ALTITUDE: 70,000 ft.</p> <p>VIBRATION: > 30 G's</p> <p>LEAKAGE: HERMETICALLY SEAL</p>																	
				<p>FEDERAL & MILITARY SPECIFICATIONS:</p> <p>DESIGN TO: FAA TSO-C144, DO-160D, DO-228, MIL-C-5541, MIL-E-5400, MIL-I-45208A, MIL-STD-810, AND SAE J1455</p>															
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		<p>ANTCOM CORP. TORRANCE, CALIFORNIA</p> <p>OUTLINE DRAWING 9BR Rod RHCP S-Band OMNI Antenna</p>																	

NOTES: UNLESS OTHERWISE SPECIFIED:

S/C-BAND POLARIZATION:	CABLE'S LENGTH:	CONNECTOR:
R: RHCP	X: NO CABLE	S: SMA, BNC: BNC
L: LHCP	#: CABLE LENGTH (IN)	T: TNC, TB: TNC-BLK
V: VERTICAL	R: RIGHT ANGLE CON.	N: N, NB: N-BLK
H: HORIZONTAL		

P/N: 9BR-SR-XS-2-3dB

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