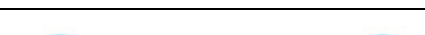


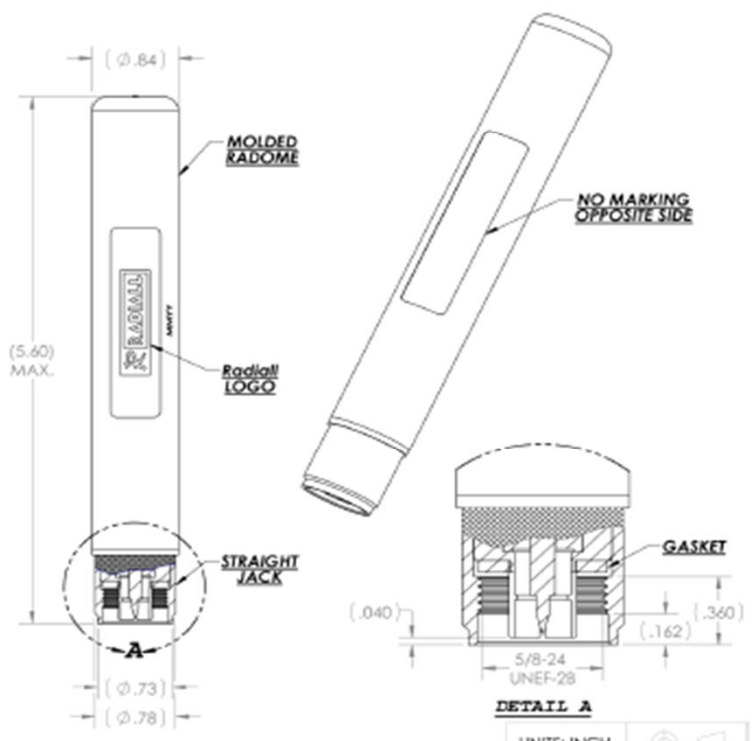
REVISIONS					
REV.	DESCRIPTION	DATE	DRAWN	CHK'D	APPRV
A	INITIAL RELEASE	7/11/2013	JWFH	JTB	APK

TITLE LINE 1	STRAIGHT DIPOLE ANTENNA, N TYPE, 900 MHZ
TITLE LINE 2	MD13-006
GOV. OR COMMERCIAL SPEC. #	N/A
SUPPLIER PART #	TBD
SUPPLIER CAGE CODE	TBD
PREFERRED SUPPLIER	TBD
SUPPLIER ADDRESS	TBD
SUPPLIER TELEPHONE	TBD
SUPPLIER WEBSITE	<a href="#">TBD</a>
REFERENCE DATA SOURCE	<input type="checkbox"/> MANUFACTURER WEBSITE <input type="checkbox"/> MANUFACTURER CATALOG
SPEC. SHEET LINK	<a href="#">N/A</a>
CATALOG ID	N/A

MANUF. PART #	MD13-006
MANUF. CAGE CODE	0FDA5
MANUFACTURER	RADIALL
MANUF. ADDRESS	8950 SOUTH 52ND STREET STE 401 TEMPE, AZ 85284
MANUF. TELEPHONE	(480) 682-9400
MANUF. WEBSITE	<a href="http://www.radiall.com/">http://www.radiall.com/</a>

<input type="checkbox"/> MANUFACTURER WEBSITE	<input type="checkbox"/> MANUFACTURER CATALOG
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	DRAWN:	SEE RB	SEE RB	STRAIGHT DIPOLE ANTENNA, N TYPE, 900 MHZ MD13-006					
	CHK'ED:	SEE RB	SEE RB						
	APPRV:	SEE RB	SEE RB	C000099					REV
		SIZE	CAGE						
		B	5B2G7	SHEET:	1	OF	2	A	

TECHNICAL DATA SHEET		Page 1 of 4
N TYPE, STRAIGHT DIPOLE ANTENNA		MD13-006
900 MHz		Series : ANTENNA
		
Issue : 1328 In the effort to improve our products, we reserve the right to make changes judged to be necessary.		
RADIALL		

TECHNICAL DATA SHEET		Page 2 of 4
N TYPE, STRAIGHT DIPOLE ANTENNA		MD13-006
900 MHz		Series : ANTENNA
<b>ELECTRICAL CHARACTERISTICS</b>		
Frequency :	902 -928 MHz	
Nominal Impedance:	50 $\Omega$	
VSWR :	2:1 Max	
Typical Gain @ 90deg (Horizon):	0 dBi $\pm$ 1 dB	
Radiating Efficiency :	70 %	
Polarization :	Vertical	
Connector type :	N MALE	
Power Handling (min):	3 W	
DC Ground:	YES	
<b>MECHANICAL CHARACTERISTICS</b>		
Plastic radome :	PET	
Color :	Black	
Connector Type:	Fixed Coupling Nut	
Connector Color:	Nickel Plating	
Weight :	< 2.5 Oz.	
Overall length :	5.60 Inches Max	
Product in Conformity with the ROHS (Restriction of Hazardous Substances) and WEEE (Waste Electrical and Electronic Equipment) requirements		
Issue : 1328 In the effort to improve our products, we reserve the right to make changes judged to be necessary.		
RADIALL		

TECHNICAL DATA SHEET		Page 3 of 4
N TYPE, STRAIGHT DIPOLE ANTENNA		MD13-006
900 MHz		Series : ANTENNA
<b>ENVIRONMENTAL CHARACTERISTICS</b>		
Operating Temperature:	-40 / +85 $^{\circ}$ C	
Storage Temperature:	-40 / +85 $^{\circ}$ C	
Humidity (Non-Condensing):	95% Relative Humidity	
	Through Temp Range +20 & +60 $^{\circ}$ C	
	MIL-STD-810F, Method 507.4	
	Cycle per Figure 507.4-1	
	MIL-STD-810F	
Immersion IP67 (mated) :	Method 512.4, Procedure 1, 1 Meters 30 min	