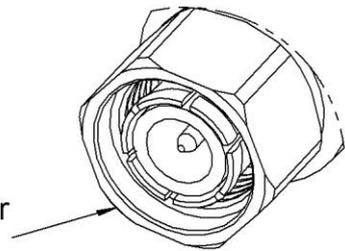
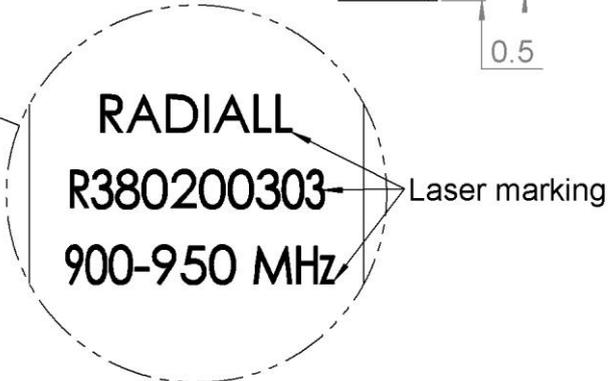
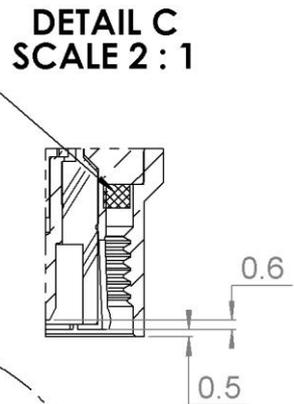
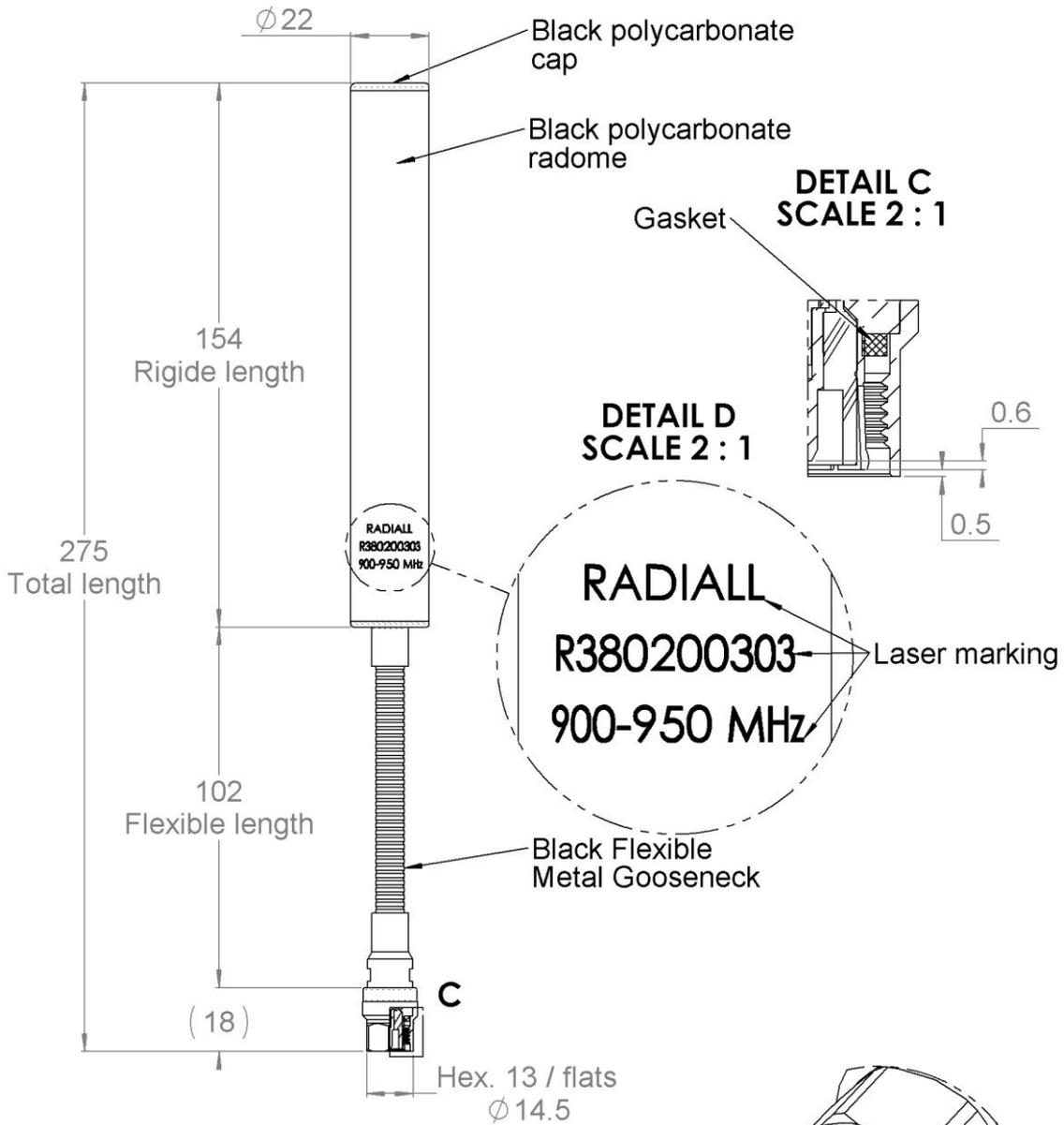


PAGE 1/2	ISSUE 11-12-24A	SERIES ANTENNA	PART NUMBER <b>R380200303</b>
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**SCALE 1 : 2**



**SCALE 2 : 1**

All dimensions are in mm. Tolerances according ISO 2768 m-H

PAGE 2/2	ISSUE <b>11-12-24A</b>	SERIES <b>ANTENNA</b>	PART NUMBER <b>R380200303</b>
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### ELECTRICAL CHARACTERISTICS

Frequency :	<b>900-950</b>	MHz
Nominal Impedance :	<b>50</b>	$\Omega$
VSWR :	<b>2.0:1</b>	Typ.
Gain	<b>5</b>	dBi typ.
Radiation Pattern	<b>Omni-directional</b> <b>See patterns</b>	
Horizontal Plane :		
Vertical Plane :		
Polarization :	<b>LINEAR VERTICAL</b>	
Power rating :	<b>10</b>	W CW
Connector type :	<b>TNC plug (Male)</b>	Fixed coupling nut

### MECHANICAL CHARACTERISTICS

Antenna Color :	<b>BLACK MATTE</b>	
Antenna Radome Material :	<b>PC</b>	
Articulation (Gooseneck) :	<b>+/- 90° - 100 cycles</b>	
Torsion (connector):	<b>4.5</b>	N.m max
Axial Pull	<b>90</b>	N max
Weight :	<b>120</b>	g max
Overall length :	<b>275</b>	mm
RoHS Compliant:	<b>Yes</b>	

### ENVIRONMENTAL CHARACTERISTICS

Operating temperature :	<b>-40/+85</b> °C <b>IAW MIL-STD-810G</b> <b>Meth. 501.5 &amp; 502.5, Proc. II</b>
Storage temperature :	<b>-55/+85</b> °C <b>IAW MIL-STD-810G</b> <b>Meth. 501.5 &amp; 502.5, Proc. I</b>
Thermal Shocks	<b>-40/+71</b> °C <b>IAW MIL-STD-810G</b> <b>Meth. 503.5, Proc. I-C</b>
Immersion (mated to radio)	<b>2m, for 2h</b> <b>IAW MIL-STD-810G</b> <b>Meth. 512.5, Proc. I</b>
Solar Radiation :	<b>IAW MIL-STD-810G</b> <b>Meth. 505.5, Proc. I</b> <b>Category A1</b>
Fungus	<b>IAW MIL-STD-810G</b> <b>Meth. 508.6</b>
Salt Fog	<b>96</b> h <b>IAW MIL-STD-810G</b> <b>Meth. 509.5</b>
Vibration	<b>Minimum Integrity</b> <b>IAW MIL-STD-810G</b> <b>Meth. 514.6, Cat. 24</b>
Transit drops	<b>26 drops</b> <b>IAW MIL-STD-810G,</b> <b>Meth. 516.6, Proc. IV</b>