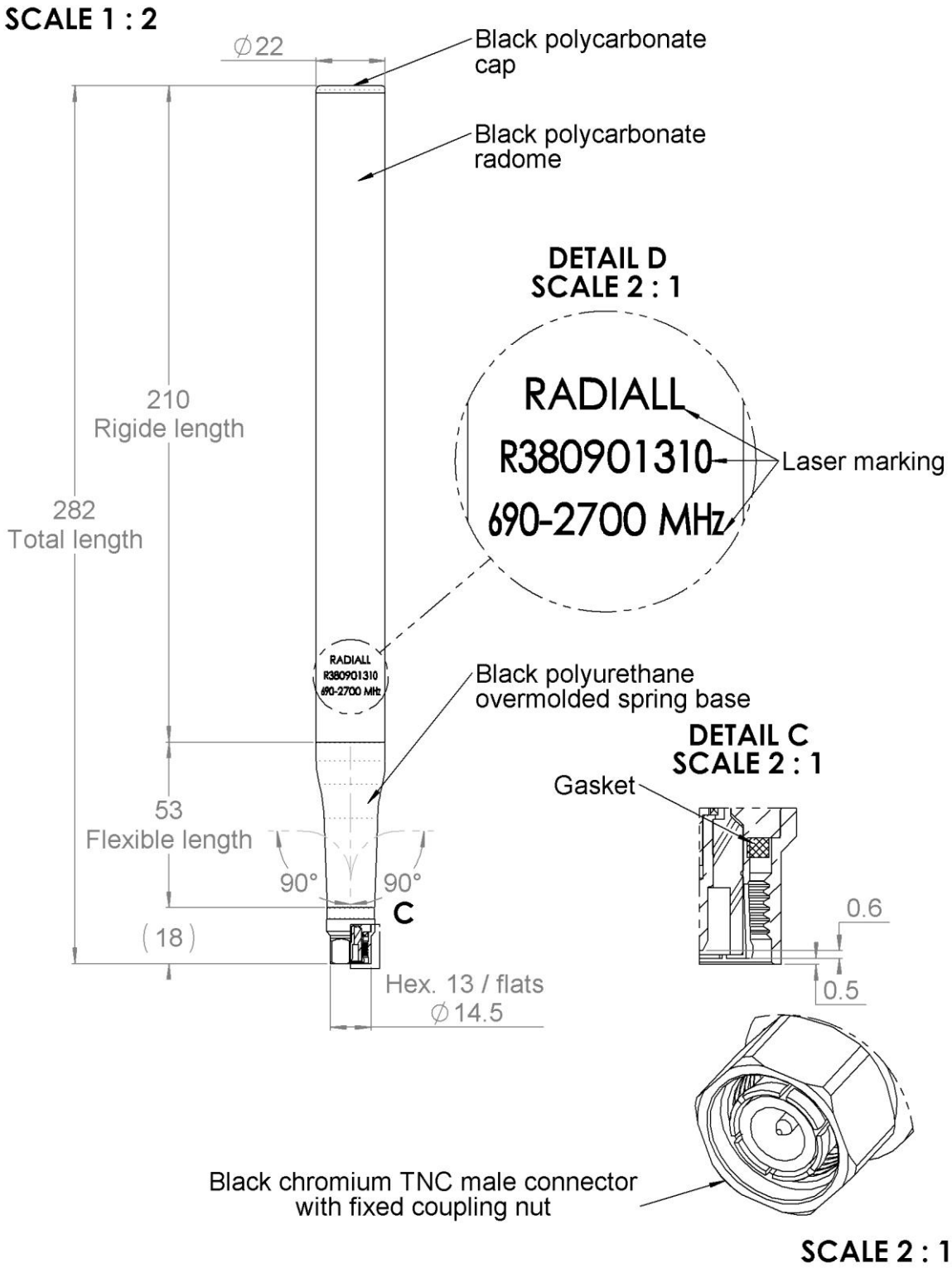
PAGE **1/2**	ISSUE **18-12-24A**	SERIES **ANTENNA**	PART NUMBER **R380901310**



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

ELECTRICAL CHARACTERISTICS

Frequency :		**690-2700**	MHz
Nominal Impedance :		**50**	Ω
VSWR :		**2.5:1**	Typ.
Gain		**0.5**	dBi typ.
Radiation Pattern			
	Horizontal Plane :	**Omni-directional**	
	Vertical Plane :	**See patterns**	
Polarization :		**LINEAR VERTICAL**	
Power rating :		**10**	W CW
Connector type :		**TNC plug (Male)**	Fixed coupling nut

MECHANICAL CHARACTERISTICS

Antenna Color :	**BLACK MATTE**	
Antenna Radome Material :	**PC**	
Torsion (connector):	**4.5**	N.m max
Axial Pull	**90**	N max
Weight :	**120**	g max
Overall length :	**282**	mm
RoHS Compliant:	**Yes**	
Antenna flexibility*	**+/- 90°**	

* With good damping thanks to the elastomer overmolding.

ENVIRONMENTAL CHARACTERISTICS

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