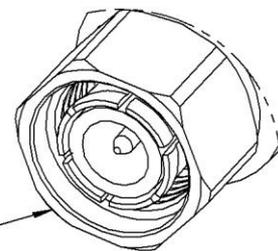
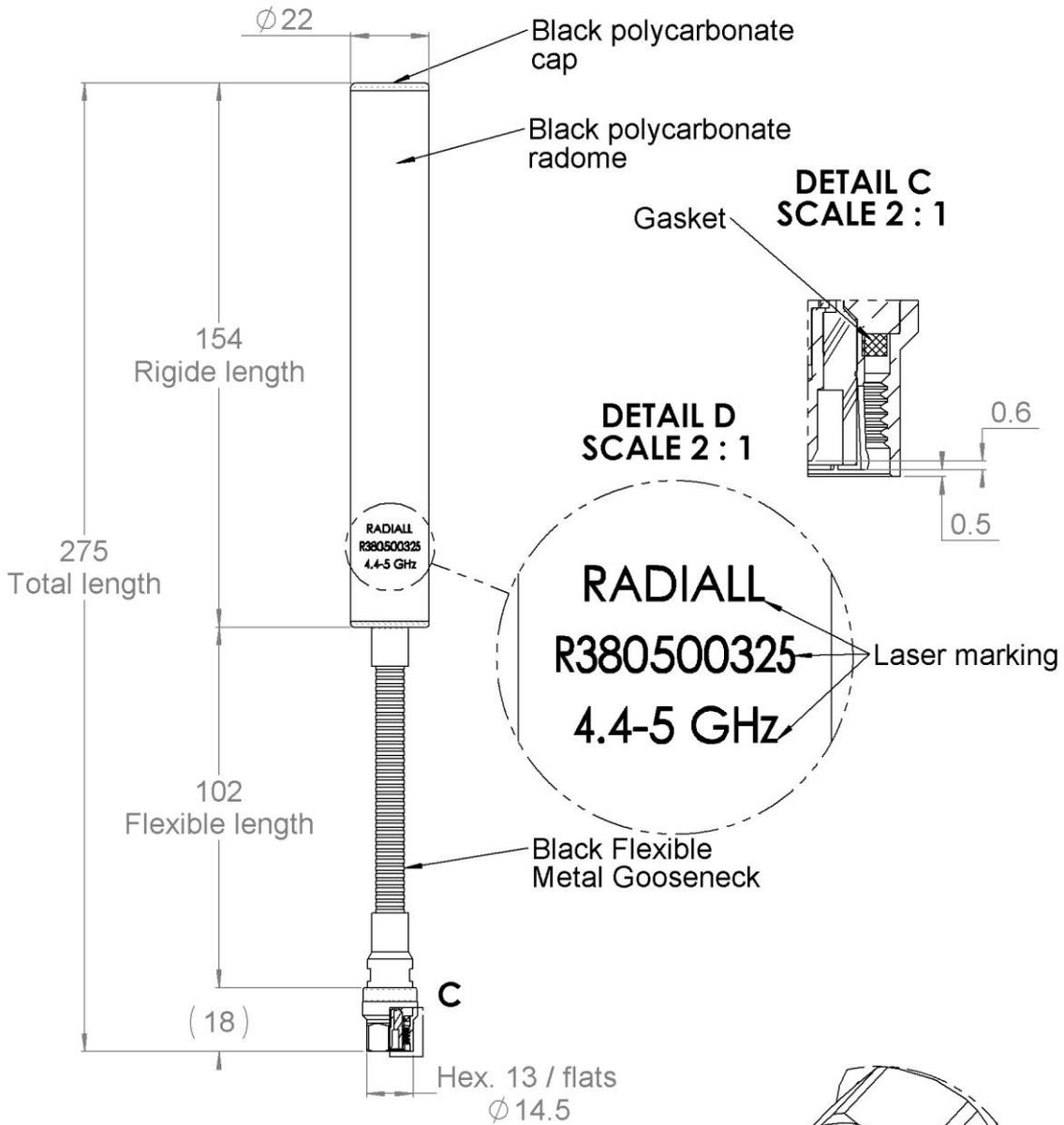


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SCALE 1 : 2



SCALE 2 : 1

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

| | | | |
|----------|---------------------------|--------------------------|-------------------------------|
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ELECTRICAL CHARACTERISTICS

| | | |
|---------------------|--|--------------------|
| Frequency : | 4.4-5 | GHz |
| Nominal Impedance : | 50 | Ω |
| VSWR : | 2.0:1 | Typ. |
| Gain | 5 | dBi typ. |
| Radiation Pattern | Omni-directional See patterns | |
| Horizontal Plane : | | |
| Vertical Plane : | | |
| 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 | |
| Articulation (Gooseneck) : | +/- 90° - 100 cycles | |
| Torsion (connector): | 4.5 | N.m max |
| Axial Pull | 90 | N max |
| Weight : | 120 | g max |
| Overall length : | 275 | mm |
| RoHS Compliant: | Yes | |

ENVIRONMENTAL CHARACTERISTICS

| | |
|----------------------------|--|
| Operating temperature : | -40/+85 °C IAW MIL-STD-810G Meth. 501.5 & 502.5, Proc. II |
| Storage temperature : | -55/+85 °C IAW MIL-STD-810G Meth. 501.5 & 502.5, Proc. I |
| Thermal Shocks | -40/+71 °C IAW MIL-STD-810G Meth. 503.5, Proc. I-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 h IAW MIL-STD-810G Meth. 509.5 |
| 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 |