

RFA-150-020: SMA ANTENNA WITH ELBOW, WIFI 6, ADDITIONAL SNAP 45°

Material and plating:

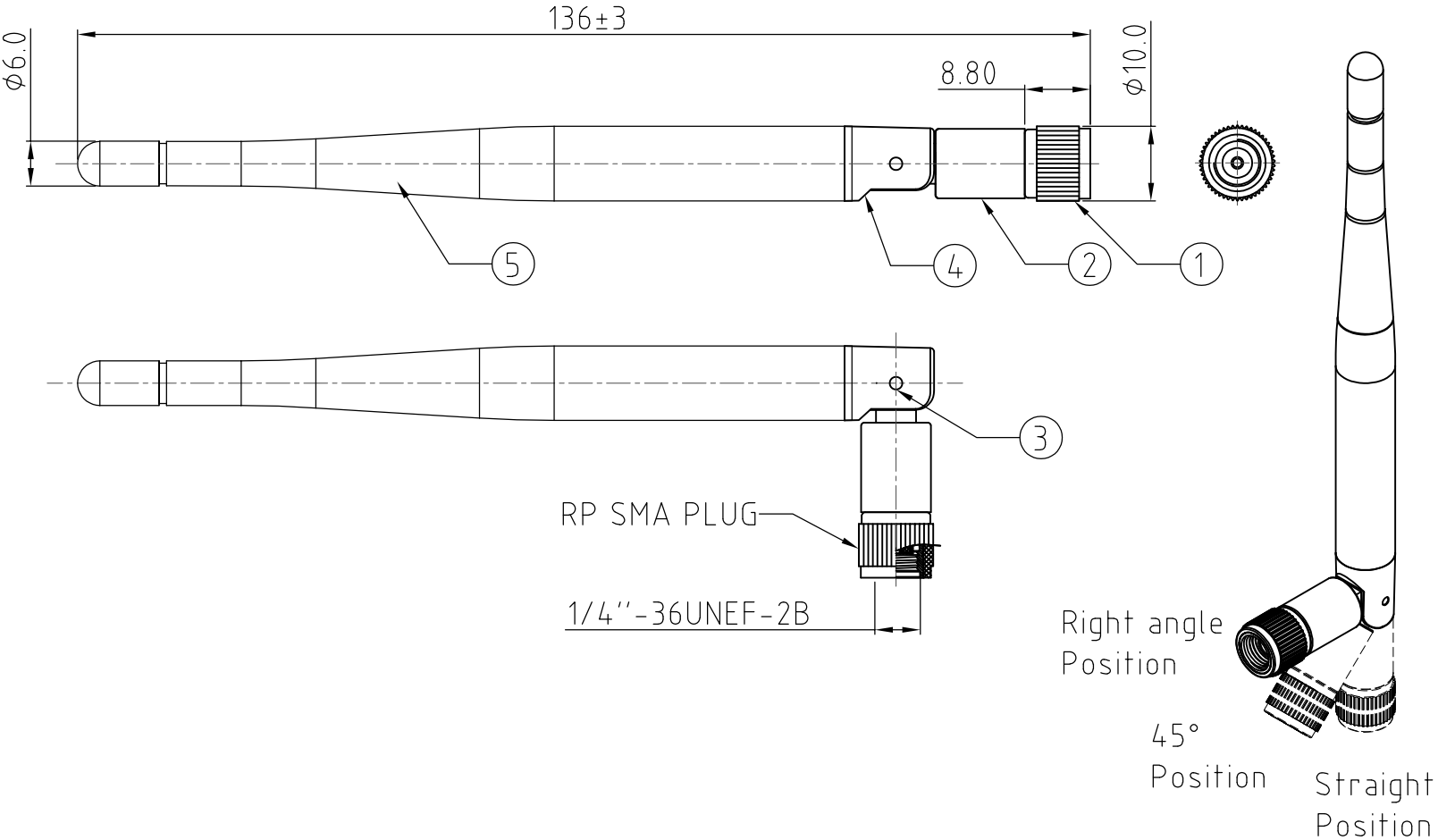
- 1. RP SMA Plug: Brass, Nickel plating
- 2. Bottom Base: PC+PBT, Black
- 3. Rivet: POM, Black
- 4. Upper Base: PC+PBT, Black
- 5. Cap: TPEE, Black

Electrical

Frequency Range:  
2.4GHz~2.48Ghz,  
5.15GHz~5.825Ghz,  
5.935GHz~7.125Ghz.  
Impedence: 50Ω  
VSWR: 2.5 max.  
Radiation: Omni  
Gain: 3.83dBi +/-0.5  
Polarization: Vertical  
Maximum Power: 1W

Mechanical & Environment

Operating Temperature: -20°C to +65°C  
Weight: 10.4g  
Lead free ROHS



|                                                                                     |                  |  |  |                                                                                       |                                                                          |                      |                                                                                                                                                                                                            |                                                                                               |                 |
|-------------------------------------------------------------------------------------|------------------|--|--|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------|
| REV. DATE & DRN<br>1.0 04/08/23 - CC RELEASE<br>1.1 13/05/25 - NYW<br>ADD GCT LOGO. | Scale: NTS       |  |  | THIRD ANGLE                                                                           | Unstated Tolerances:<br>.X ± 0.30<br>.XX ± 0.20<br>.XXX ± 0.10<br>ANGLES | Material<br>SEE NOTE |  <br>www.gct.co www.gradconn.com | Type: RFA-150-020                                                                             |                 |
|                                                                                     | Drawn: CC        |  |  |  |                                                                          |                      |                                                                                                                                                                                                            | RFA-150-020                                                                                   | Drawing Number: |
|                                                                                     | App'd: PH        |  |  | Title SMA Antenna                                                                     |                                                                          | NOT TO SCALE         |                                                                                                                                                                                                            | Sheet 1                                                                                       | of 1            |
|                                                                                     | Date: 13 MAY '25 |  |  | Revision: 1.1                                                                         |                                                                          | Unit: mm             |  THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE<br>COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT                          | Drawing  | E and O E       |
|                                                                                     |                  |  |  |                                                                                       |                                                                          |                      |                                                                                                                                                                                                            |                                                                                               |                 |