

**SENCITY® OMNI-S stick antenna**

1399.17.0237

**Properties**

- Omnidirectional stick antenna for Cellular bands between 1710 MHz and 2690 MHz
- N male connector
- For both indoor and outdoor mounting with IP67 rating
- Gain of 2 dBi with Vertical polarisation
- Direct mounted

**Electrical bands**

|                            | Band 1                |
|----------------------------|-----------------------|
| Frequency (MHz)            | 1710 MHz ... 2690 MHz |
| Impedance                  | 50 Ω                  |
| VSWR                       | 1.8                   |
| Gain (dBi)                 | 2 dBi                 |
| Halfp Beamwidth vertical   | 65 dBi                |
| Halfp Beamwidth horizontal | 360 °                 |
| Ambient Temperature        | 25 °C                 |
| Composite Power max        | 25 W                  |

**Ports**

|              |                |
|--------------|----------------|
| Connector    | N, plug (male) |
| Polarization | vertical       |
| DC grounded  | Yes            |

**Connections**

|             |  |
|-------------|--|
| Port number |  |
|-------------|--|

**Mechanical data**

|            |                                   |
|------------|-----------------------------------|
| Weight     | 0.3 kg                            |
| Dimensions | 120 mm x 22 mm (Heigth x Diamter) |



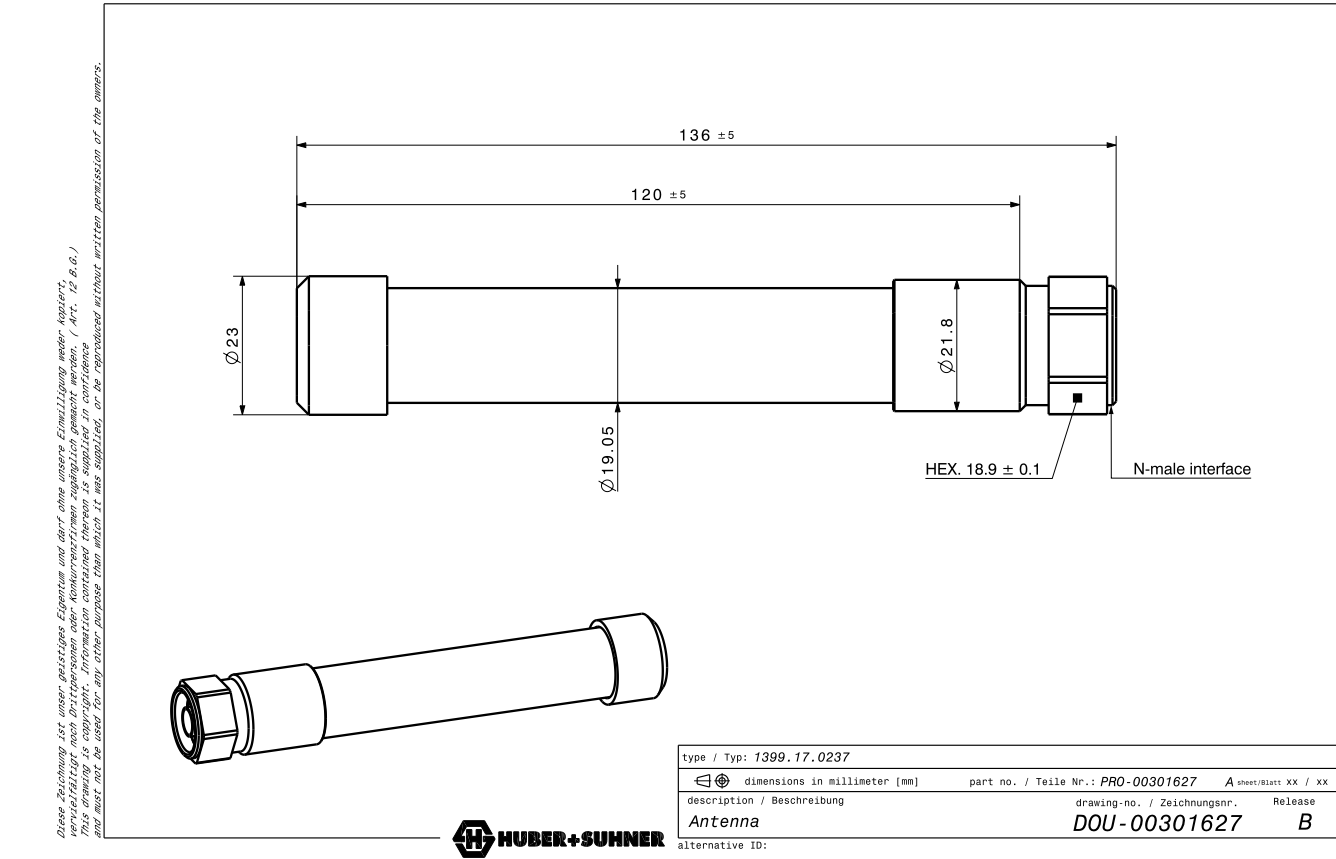
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| Material data   |                         |
|-----------------|-------------------------|
| Radome material | Glass Fibre             |
| Radome colour   | RAL 9003 (signal white) |

| Environmental data             |                 |
|--------------------------------|-----------------|
| Operation temperature          | -40 °C ... 85°C |
| Storage temperature            | -55 °C ... 85°C |
| Transport temperature          | -40 °C ... 85°C |
| Environment (application)      | Outdoor         |
| Ingress protection (IP Rating) | IP67            |

| Environmental remarks                                                                                                                                                                                                                                                                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| "LOW TEMPERATURE: IEC 60068-2-1; 72h; -55°C<br>HIGH TEMPERATURE: IEC 60068-2-2; 72h; +85°C<br>HUMIDITY: ETSI EN300-2-4 T4, 1E; 144h; 95%<br>SALT SPRAY: EN 60068-2-11 / GB-T 10125; 96h<br>MECHANICAL SHOCK: IEC 60721-3-4, 4M5<br>VIBRATION: IEC 60721-3-4; 30 min/axis; random; 4M5" |  |

Outline drawing



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