

SENCITY® Omni-M Wi-Fi Stick Antenna

1355.17.0003

Properties

- Compact Industrial antenna for Wi-Fi bands between 2300 MHz till 2500 MHz and 4800 MHz till 6000 MHz
- Gain of 6 dBi with Vertical Polarisation
- For both indoor and outdoor applications with rating IP67
- Wall or pole mounting with L bracket
- Integrated N female connector



| Electrical bands | | | |
|----------------------------|-----------------------|-----------------------|-----------------------|
| | Band 1 | Band 2 | Band 3 |
| Frequency (MHz) | 2300 MHz ... 2500 MHz | 4800 MHz ... 5150 MHz | 5150 MHz ... 6000 MHz |
| Impedance | 50 Ω | 50 Ω | 50 Ω |
| VSWR | 1.5 | 1.7 | 1.7 |
| Gain (dBi) | 6 dBi | 5 dBi | 6 dBi |
| Halfp Beamwidth vertical | 20 dBi | 12 dBi | 12 dBi |
| Halfp Beamwidth horizontal | 360 ° | 360 ° | 360 ° |
| Ambient Temperature | 25 °C | 25 °C | 25 °C |
| Composite Power max | 30 W | 30 W | 30 W |

| Ports | |
|--------------|------------------|
| Connector | N, jack (female) |
| Polarization | vertical |
| DC grounded | No |

| Connections | |
|-------------|---|
| Port number | |
| Band 2 | ✓ |
| Band 3 | ✓ |
| Band 4 | ✓ |

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| Mechanical data | |
|------------------------|--|
| Weight | 0.3 kg |
| Dimensions | 240 mm x 25 mm (Height x Diameter) |
| Remarks | INCLUDED MOUNTING MATERIAL: Bracket 9091.99.0173 and 2 metal-bands for mast-diameter 25mm - 101mm, all piece parts made of stainless steel |

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

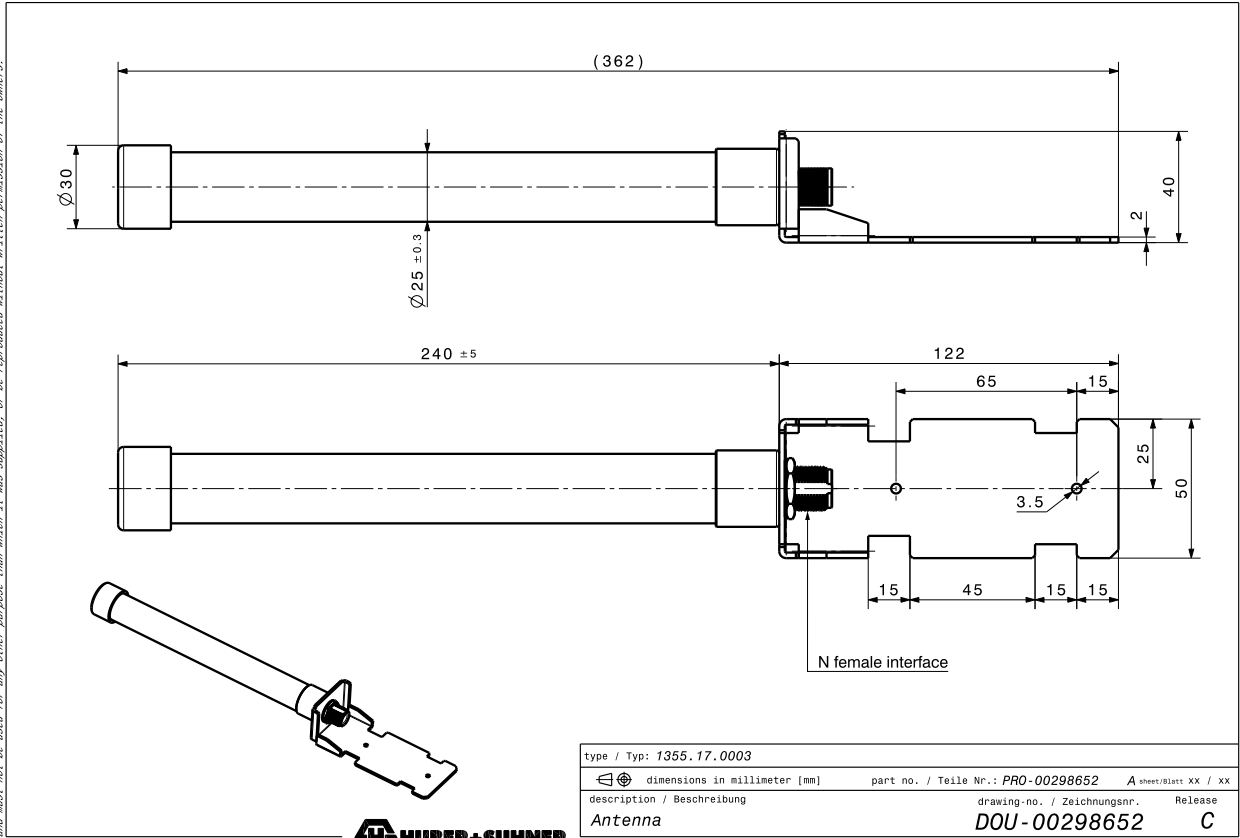
| Environmental data | |
|--------------------------------|-----------------|
| Operation temperature | -40 °C ... 85°C |
| Storage temperature | -55 °C ... 85°C |
| Transport temperature | -40 °C ... 85°C |
| Environment (application) | Indoor/Outdoor |
| Ingress protection (IP Rating) | IP67 |
| Flammability rating | UL 94-HB |

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

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Outline drawing

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|-------------------------------------|---|------------------------|
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| description / Beschreibung: Antenna | drawing-no. / Zeichnungsnr.: DOU-00298652 | Release: C |
| alternative ID: | | |

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