

## SENCITY Planar WiFi Antenna 1399.26.0042

SPA-2456/75/9/0/DF

### Description

SENCITY® Spot-S indoor antenna  
 Directional, linear polarised WiFi dual-band antenna on single port  
 WLAN IEEE 802.11 a/b/g/h  
 Dual-band 2.4 to 2.5 GHz and 5.15 to 5.875 GHz  
 Wall mounting material included  
 For indoor applications



### Product Configuration

### Technical Data

#### Electrical Data

|                          | Band 1      | Band 2      |
|--------------------------|-------------|-------------|
| Frequency (MHz)          | 2400 - 2500 | 5150 - 5875 |
| VSWR                     | 1.5         | 1.5         |
| Impedance (Ohm)          | 50          | 50          |
| Gain (dBi)               | 9           | 9           |
| 3dB beamwidth (h) (°)    | 75          | 55          |
| 3dB beamwidth (v) (°)    | 55          | 55          |
| Front to back ratio (dB) | 15          | 15          |
| Port Isolation (dB)      | 25          | 30          |

#### Ports

|              | Port 1             |
|--------------|--------------------|
| Connector    | TNC, jack (female) |
| Polarization | vertical           |

#### Connections

|        | Band 1 | Band 2 |
|--------|--------|--------|
| Port 1 | X      | X      |

#### General Data

|                         |    |
|-------------------------|----|
| DC Grounding            | No |
| Composite Power max (W) | 10 |

#### Mechanical Data

|                            |                                        |
|----------------------------|----------------------------------------|
| Dimensions (mm)            | 101 x 95 x 32 (Height x Width x Depth) |
| Weight (kg)                | 0.11                                   |
| Included mounting material | Wall mounting material                 |

Mounting socket material: ASA  
 Mounting socket colour: RAL 7042

#### Environmental Data

|                            |           |
|----------------------------|-----------|
| Environmental conditions   | indoor    |
| Operation temperature (°C) | -40 to 80 |
| Storage temperature (°C)   | -40 to 80 |
| Transport temperature (°C) | -40 to 80 |
| RoHS 2011/65/EC            | compliant |
| REACH 2006/1907/EC         | compliant |

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### Material Data

|                                |                                           |
|--------------------------------|-------------------------------------------|
| Radome colour                  | RAL 7035 (light-grey)                     |
| Radome material                | ASA (acrylic ester-styrene-acrylonitrile) |
| Back plate/base plate colour   | RAL 7042 (dark-grey)                      |
| Back plate/base plate material | ASA (acrylic ester-styrene-acrylonitrile) |

### Related Products

9091.99.0029 Pol Bracket  
9091.99.0080 Sidetilt Bracket

### Related Documents

|                      |                |
|----------------------|----------------|
| Mounting instruction | DOC-0000197953 |
| Painting instruction | DOC-0000256180 |
| Security instruction | DOC-0000278984 |
| Outline drawing      | DOU-00065208.1 |