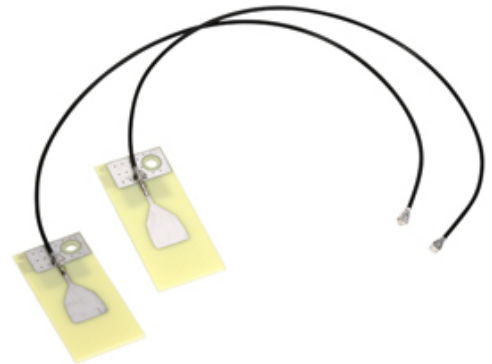


## SENCITY Embedded Antenna - Customer Specific 1399.99.0151

### Description

Dual band WiFi embedded patch antenna pair  
 Each with pigtail port with connector style I-PEX MHF-4  
 WLAN frequency bands 2.4 and 5.6 GHz

\*\*\*\* Picture typical \*\*\*\*



### Product Configuration

### Technical Data

#### Electrical Data

|                          | Band 1      | Band 2      |
|--------------------------|-------------|-------------|
| Frequency (MHz)          | 2400 - 2500 | 5150 - 5875 |
| Impedance (Ohm)          | 50          | 50          |
| 3dB beamwidth (h) (°)    | 360         | 360         |
| Composite power max (W)  | 1           | 1           |
| Ambient temperature (°C) | 25          | 25          |

#### Ports

|              | Port 1        |
|--------------|---------------|
| Connector    | , plug (male) |
| Polarization | vertical      |
| DC grounded  | No            |

#### General Data

Item consists of two PCB antennas with same pigtail length, packed into one comon EDS protected plastic bag

The pigtails are terminated by connector I-PEX MHF-4

Pigtail length 150 +/- 3 mm each

Cable outer diameter 0.81 mm

Cable attenuation: approx. 5.5 dB/m at 2.4 GHz and 8.7 dB/m at 5.8 GHz

Customer SOREDI

#### Mechanical Data

|                 |                                      |
|-----------------|--------------------------------------|
| Dimensions (mm) | 48 x 20 x 1 (Heigth x Width x Depth) |
| Weight (kg)     | 0.003                                |

#### Environmental Data

|                            |           |
|----------------------------|-----------|
| Operation temperature (°C) | -40 to 70 |
| Storage temperature (°C)   | -40 to 70 |
| RoHS 2011/65/EU            | compliant |
| Lead-free soldered         | yes       |
| REACH 2006/1907/EC         | compliant |

#### Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00338328 |
|-----------------|--------------|

#### Additional Information

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