

SENCITY® Spot-M Yagi

1324.17.0116

Properties

- Directional high gain antenna for Wi-Fi or Cellular bands between 2400 and 2484 MHz
- Gain of 14 dBi with Vertical polarisation
- Half power beamwidth of 30° (vertical) and 30° (Horizontal)
- Wall and Mast mounting brackets included
- Integrated N male interface

**Electrical bands**

	Band 1
Name	Wi-Fi
Frequency	2400 MHz ... 2484 MHz
Impedance	50 Ω
VSWR	1.7
Gain	14 dBi
HPBW vertical	30 °
HPBW horizontal	30 °
Ambient Temperature	25 °C

Ports

	Port 1
Port name	Wi-Fi
Connector	N, plug (male)
Cable type	SX_04172_B-60
Cable length	0.6 m

Connections

Port number	Port 1
Band 1	☒



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Mechanical data	
Weight	0.85 kg
Dimensions	80 mm x 420 mm x 80 mm (Height x Width x Depth)

Interface and material data	
Radome material	PC (Polycarbonate)
Radome colour	RAL 7044 - gr

Environmental data	
Operation temperature	-40 °C ... 70 °C
Storage temperature	-40 °C ... 70°C
Transport temperature	-40 °C ... 70°C
Environment (application)	Outdoor
Ingress protection (IP Rating)	IP65
Flammability rating	EN 45545-2

Environmental remarks	
Solar radiation EN 50125-3:2004 §4.9, 1120 W/m² for 20h	
Air pressure EN 50125-3:2004 §4.2, Altitude Class A1 (up to 1400m)	
Air pulse pressure EN 50125-3:2004 §4.2, 1kPa/s	
Rain EN 50125-3:2004 §4.6, delivery rate: 6mm/min	
Vibration/Shock EN 50125-3:2004 §4.13, position profile: "outside the track"	
Pollution EN 50125-3:2004 §4.11, pollution levels: 4B1, 4S1	
Corrosion MIL-F-14072 E Type 1 "exposed"	

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