

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
- Wi-Fi IEEE 802.11 a/p/h/b/g/y/n/ac standards
- Gain of 6 dBi with Vertical Polarisation
- For both indoor and outdoor applications with rating IP67
- Integrated N female connector
- Wall or pole mounting with L bracket



Electrical data			
	Band 1	Band 2	Band 3
Frequency	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	6 dBi	5 dBi	6 dBi
HPBW vertical	20 °	12 °	12 °
HPBW horizontal	360 °	360 °	360 °
Ambient Temperature	25 °C	25 °C	25 °C
Composite Power max	30 W	30 W	30 W

Ports	
	Port 1
Connector	N, jack (female)
Polarization	vertical
DC grounded	No

Connections	
	Port 1
Band 1	✓
Band 2	✓

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Connections		
Band 3		
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		
Antenna accessories		
Item description	Item number	Product name
9091.99.0173	23035942	L - bracket for omni stick antennas
Ordering information		
Item description	Item number	Product name
1355.17.0003	85031665	SENCITY® Omni-M Wi-Fi Stick Antenna

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