

SENCITY® Road MIMO

1399.99.0129

Properties

- Rugged vehicle rooftop multi-band antenna for heavy duty vehicles like bus and truck
- Supports 2G/3G/4G cellular bands in 2x2 MIMO configurations and GPS/Glonass.
- Single hole mounting, easy cabling feed-through.
- Works also on non-metallic surfaces.

**Electrical bands**

	Band 1	Band 2	Band 3	Band 4
Name				
Frequency (MHz)	698 MHz ... 790 MHz	790 MHz ... 960 MHz	1710 MHz ... 2170 MHz	2400 MHz ... 2690 MHz
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
VSWR	2.2	2	2	2
Gain (dBi)	4 dBi	4 dBi	6 dBi	6 dBi
Isolation between Ports	12 dB	12 dB	15 dB	15 dB
Ambient Temperature	25 °C	25 °C	25 °C	25 °C
Composite Power max	80 W	50 W	40 W	40 W

	Band 5
Name	GPS/Glonass
Frequency (MHz)	1574 MHz ... 1610 MHz
Impedance	50 Ω
VSWR	2
Gain (dBi)	
Isolation between Ports	
Ambient Temperature	
Composite Power max	

Ports

	Port 1	Port 2	Port 3
Connector	SMA, plug (male)	SMA, plug (male)	TNC, plug (male)
Cable type	ENVIROFLEX_316_D -AM	ENVIROFLEX_316_D -AM	ENVIROFLEX_316_D -AM
Cable length	0.17 m	0.23 m	0.25 m

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Ports			
	Port 1	Port 2	Port 3
Polarization	vertical	vertical	circular right
DC grounded	No	No	No

Connections			
Port number	Port 1	Port 2	Port 3
Band 1	✓	✓	
Band 2	✓	✓	
Band 3	✓	✓	
Band 4	✓	✓	
Band 5			✓

Mechanical data	
Weight	0.5 kg
Dimensions	88 mm x 83 mm x 208 mm (Height x Width x Depth)

Interface and material data	
Radome material	ASA (acrylic ester-styrene-acrylonitrile)
Radome colour	RAL 7043 (dark grey)
Back plate/base plate material	Aluminium

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