

SENCITY® Tram MIMO

1399.99.0203

Properties

- Supports MIMO for Wifi 2.4/5 GHz, Wifi 6E bands in 3x3 configuration.
- Single hole mounting, easy cabling feed-through
- 3 elements in one housing and single-hole mounting
- Fire retardant acc. to EN45545-2 and NFPS-130
- Works without metal ground plane

**Electrical data**

	Band 1	Band 2
Frequency	2400 MHz ... 2690 MHz	4900 MHz ... 7125 MHz
Impedance	50 Ω	50 Ω
VSWR	2	2
Gain	6 dBi	7 dBi
Isolation between Ports	14 dB	22 dB
Ambient Temperature	25 °C	25 °C
Composite Power max	40 W	30 W

Ports

	Port 1	Port 2	Port 3
Port name	Wifi 1 (blue)	WiFi 2 (blue)	WiFi 3 (blue)
Connector	SMA, jack (female)	SMA, jack (female)	SMA, jack (female)
Cable type	RADOX_RF_316_D	RADOX_RF_316_D	RADOX_RF_316_D
Cable length	0.3 m	0.3 m	0.3 m
Polarization	vertical	vertical	vertical
DC grounded	No	No	No

Connections

	Port 1	Port 2	Port 3
Port name	Wifi 1 (blue)	WiFi 2 (blue)	WiFi 3 (blue)
Band 1	✓	✓	✓
Band 2	✓	✓	✓

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Mechanical data	
Weight	0.41 kg
Dimensions	82 mm x 83 mm x 208 mm (Height x Width x Depth)
Mounting breakthrough	Ø 30 mm

Material data	
Radome material	PC (Polycarbonate)
Radome colour	RAL 9017 (black)
Back plate/base plate material	Aluminium

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Transport temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	Mated / IP68, IP69k
Flammability rating	EN 45545-2 NFPA-130
Solar radiation	DIN 75220

Environmental remarks
Environmental tests: EN50155:2018-05 High-voltage protection: EN50124-1:2017-03 Low corrosion designed acc. to MIL-F-14072D CE-Mark

Ordering information	
Item number	Item description
85197331	1399.99.0203

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