

SENCITY® OCCHIO MIMO 2x2 antenna

1399.32.0013

Description

SENCITY Occhio MIMO 2x2 DAS (Distributed Antenna System) or small cell antenna. It offers 5G coverage, a simple, time-saving installation process and an attractive industry preferred design with a small form factor. Thanks to its multiband capability between 1.7-6 GHz it supports today's and future wireless applications.

Antenna includes cable assemblies: SUCOFORM_122_LA Plenum cable with Nex10 male (antenna side) and 4.3-10 male (network connection side).



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2	Band 3	Band 4
Frequency (MHz)	1695 - 2690	3300 - 4200	4500 - 5000	5150 - 6000
VSWR	1.5	1.5	1.5	1.5
Impedance (Ohm)	50	50	50	50
Gain (dBi)	4.5	4.5	6	6.5
Ambient temperature (°C)				
Port Isolation (dB)	19.5	22	25	25

Ports

	Port 1	Port 2
Connector	NEX10, jack (female)	NEX10, jack (female)
Cable Type	SUCOFORM_122_LA_CU_CMP	SUCOFORM_122_LA_CU_CMP
Cable Length (m)	0.5	0.5
Polarization	vertical	vertical
DC grounded	No	No

Connections

	Band 1	Band 2	Band 3	Band 4
Port 1	X	X	X	X
Port 2	X	X	X	X

General Data

IMD level -153 dBc at carrier power 2x 43dBm

VSWR 1:1.7 in 1.695-1.8GHz typical

Mechanical Data

Dimensions (mm) 32 x 200 (Height x Diameter)
Weight (kg) 0.79

Environmental Data

Environmental conditions indoor
Operation temperature (°C) 0 to 55
Storage temperature (°C) -40 to 85
Transport temperature (°C) -40 to 85
Flammability rating UL 94-V0
Solar radiation UL 746C, F1
2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

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Lead-free soldered	yes
REACH 1907/2006/EC	compliant

Material Data

Radome colour	white
Back plate/base plate colour	black

Related Products

Related Documents

Mounting instruction	DOC-0000868068
Outline drawing	DOU-00398994