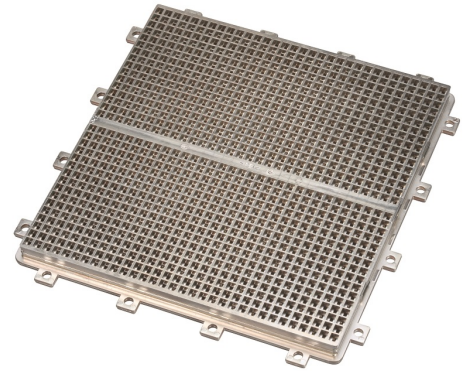


SENCITY®Matrix 60 GHz Antenna 38 dBi 1360.99.0013

Description

V-band (60 GHz) integral antenna for unobtrusive, high capacity radio links.



Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	57000 - 66000
VSWR	1.9
Gain (dBi)	38
3dB beamwidth (h) (°)	1.8
3dB beamwidth (v) (°)	1.8
Front to back ratio (dB)	56
Co/Crosspolar ratio (dB)	21
Sidelobes (h)	ETSI EN 302 217-4-2 V1.5.1 CLASS 2
Sidelobes (v)	ETSI EN 302 217-4-2 V1.5.1 CLASS 2

Ports

	Port 1
Connector	WR15 (application specific waveguide flange)
Polarization	linear

Sidelobe suppression levels valid for 5° and 45° rotated installation.

Mechanical Data

Dimensions (mm)	9.5 x 135 x 130 (Height x Width x Depth)
Weight (kg)	0.15

Environmental Data

Environmental conditions	indoor/outdoor
Operation temperature (°C)	-45 to 85
Operating conditions	ETSI EN 300 019-2-4 V2.2.2 (2003-04) T4.1E
Storage temperature (°C)	-45 to 85
Storage conditions	ETSI EN 300 019-2-4 V2.2.2 (2003-04) T4.1E
Flammability rating	UL 94-V0
RoHS 2011/65/EU	compliant
Lead-free soldered	yes
REACH 2006/1907/EC	compliant

Operating and storage conditions are valid if the antenna is properly enclosed.

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Related Products

73_Z-0-0-1022 Adaptor antenna interface to UG-385/U

Related Documents

Mounting instruction	DOC-0000420007
Outline drawing	DOU-00297044
Outline drawing 2	DOU-00227009
3D-model	DOC-0000719537