

Product type designation



Antenna ANT896-4ME

IRC ANTENNA ANT 896-4ME FOR GSM (2G), UMTS (3G) AND LTE (4G) NETWORKS, OMNI- DIRECTIONAL CHARACTERISTIC INCL. N-FEMALE CONNECTOR: 3DBI; IP66 (-40-+70DGR C), PLEASE NOTE NATIONAL APPROVALS; MOUNTING ON SWITCHING CABINET; COMPACT MANUAL ON PAPER GERMAN / ENGLISH; SCOPE OF SUPPLY: 1X ANT896-4ME

Wireless frequencies

Type of mobile network / is supported	GSM, UMTS, LTE
Operating frequency	700 MHz, 800 MHz, 850 MHz, 900 MHz, 1575.42 MHz, 1700 MHz, 1800 MHz, 1900 MHz, 2100 MHz, 2200 MHz, 2600 MHz

Electrical data

Impedance	50 Ω
Polarization	linear vertical
Radiation characteristic	omnidirectional
Antenna gain compared to spherical radiator • with linear radiation	3 dB
Standing wave ratio (VSWR) / maximum	2
Beam angle of antenna • horizontal	360°
Number of electrical connections / of the antenna	1
Design of the electrical connection / of the antenna	N-Connector
Design of plug-in connection	female
Transmit power / maximum	150 W

Permitted ambient conditions

Ambient temperature • during operation	-40 ... +70 °C
Protection class IP	IP66

Design, dimensions and weight

Height	61 mm
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Diameter	38.1 mm
Mounting type	
• flat-roof mounting	Yes
• directly on the device	No

Product properties, functions, components / general

Product property / silicon-free	Yes
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Standards, specifications, approvals

Certificate of suitability	
• RoHS conformity	Yes
Wireless approval	Current national approvals can be found on the Internet under www.siemens.com/mobilfunkzulassungen

Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/automation/net/catalog
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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