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Data sheet 6GK5792-4DN00-0AA6

Product type designation

RCoax Antenna ANT792-4DN
ANT792-4DN IWLAN antenna for RCoax systems, 4 dBi Helix antenna, circular polarizing clockwise; incl. N-female connector IP65 (-40-+70°C), 2.4 GHz



Radio frequencies	
Type of mobile network / is supported	WLAN
Operating frequency	
• for WLAN in 2.4 GHz frequency band	2.4 ... 2.4835 GHz

Electrical data	
Impedance	50 Ω
Polarization	Right hand circular
Radiation characteristic	Sector antenna
Antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 2.4 GHz frequency band	4 dB
Standing wave ratio (VSWR) / maximum	1.8
Radiating angle of the antenna	
• in the 2.4 GHz frequency band / horizontal	90°
Number of electrical connections / of the antenna	1
Type of electrical connection / of the antenna	N-Connector
Design of plug-in connection	female
Angle of inclination / downward / maximum	0°

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Front-to-back ratio	2.5 dB

Mechanical data

Material	
• of outer shell	Polycarbonate

Ambient conditions

Ambient temperature	
• during operation	-40 ... +70 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Protection class IP	IP65

Design, dimensions and weights

Height	78.7 mm
Diameter	30 mm
Net weight	114 g

Product features, product functions, product components / general

Product feature / silicon-free	Yes

Standards, specifications, approvals

Certificate of suitability	
• RoHS conformity	Yes
Product conformity	UL 94-V1
Wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen

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/industry/infocenter
• 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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