SIEMENS

Product type designation	RCoax Antenna ANT793-4MN
	IWLAN RCOAX N-CONNECT FEMALE ANTENNA ANT793-4MN 5GHZ ANTENNA ANTENNA FOR RCOAX SYSTEMS LAMDA/4 OMNI-DIRECTIONAL ANTENNA, IP67; AMBIENT TEMPERATURE -40 BIS +70 DGR CELSIUS

Wireless frequencies

Operating frequency	
• for WLAN in 5 GHz frequency band 1	5.15 ... 5.85 GHz

Electrical data

Impedance	50 Ω
Polarization	vertical (lambda 5/8 characteristic)
Radiation characteristic	omnidirectional
Antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 5 GHz frequency band	6 dB
Standing wave ratio (VSWR) / maximum	2
Radiating angle of the antenna	
• in the 5 GHz frequency band / horizontal	360°
• in the 5 GHz frequency band / vertical	40°
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°
Transmit power / maximum	1 W

Mechanical data

Material	
• of outer shell	Polycarbonate

Permitted 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 weight

Height	78.7 mm
Diameter	30 mm
Net weight	65 g

Product properties, functions, components / general

Product property / silicon-free	Yes

Standards, specifications, approvals

Certificate of suitability	
• Railway application in accordance with EN 50155	Yes
• Fire protection in accordance with EN 45545-2	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/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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