

Product type designation



Antenna ANT792-8DR

IWLAN ANTENNA ANT 792-8DR WITH DIRECTIONAL EFFICIENCY, INCL. R-SMA CONNECTOR AND 5 M CABLE: 10 DBI IP65 (-20-+60 DGR C), 2.4 GHZ, NOTE NATIONAL APPROVALS, MOUNTING ACCESSORIES FOR WALL AND MAST MOUNTING, OPERATING INSTRUCTIONS GER/ENG, COMPRISING: 1X TI 795-1R TERMINATING RESISTOR

Wireless frequencies

Type of mobile network / is supported	WLAN
Operating frequency	
• for WLAN in 2.4 GHz frequency band	2.4 ... 2.5 GHz

Electrical data

Impedance	50 Ω
Polarization	horizontal and vertical
Radiation characteristic	directional
Antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 2.4 GHz frequency band	10 dB
Radiating angle of the antenna	
• in the 2.4 GHz frequency band / horizontal	30°
• in the 2.4 GHz frequency band / vertical	30°
Number of electrical connections / of the antenna	1
Type of electrical connection / of the antenna	R-SMA Connector
Design of plug-in connection	male

Mechanical data	
Material	
• of outer shell	UV-resistant white plastic (ABS)

Permitted ambient conditions	
Ambient temperature	
• during operation	-20 ... +60 °C
• during storage	-20 ... +60 °C
• during transport	-20 ... +60 °C
Protection class IP	IP65

Design, dimensions and weight	
Width	190 mm
Height	190 mm
Depth	20 mm
Net weight	212 g
Mounting type	
• mast mounting	Yes
• wall mounting	Yes
• roof mounting	No
• directly on the device	No
Cable length / of antenna cable	5 m

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

last modified: 29.01.2016