

Product-type designation	
	
Antenna RF640A	
SIMATIC RF600 ANTENNA RF640A; CIRCULAR, BROAD BAND FREQUENCY RANGE 865 TO 928 MHZ DIMENSIONS 185X185X45 MM (LXWXH); IP 65, -25 TO +55 DEGREES/C;	
Suitability for installation	SIMATIC RF600
Transmission frequency	
• initial value	865 MHz
• end value	928 MHz
Electrical data	
Impedance	50 Ω
Polarization	Circular
Antenna gain compared to spherical radiator	
• with circular radiation	4 dB
Standing wave ratio VSWR / maximum	1.5
Beam angle of antenna	
• horizontal	70 °
• vertical	70 °
Mechanical data	
Color	Pastel turquoise
Tightening torque / of screw for mounting the equipment / maximum	2 N·m
Mounting distance / for metal surfaces / recommended / minimum	0 m
Design of the plug-in connection	male
Permitted ambient conditions	
Ambient temperature	

• during operating	-25 ... +75 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Protection class IP	IP65
Resistance against shock	according to EN 60068-2-27
Resistance against shock	300 m/s ²
Resistance against vibration	100 m/s ²
Design, dimensions and weight	
Width	185 mm
Height	185 mm
Depth	45 mm
Net weight	600 g
Mounting type	4 screws M4 according to VESA 100, optional with articulated bracket by using antenna mounting kit
Product properties, functions, components / general	
Product feature / silicon-free	Yes
Standards, specifications, approvals	
Verification of suitability	CE (according to R&TTE), FCC (Title 47, Part 15.247), cULus
letzte Änderung:	Aug 6, 2014