SIEMENS

Data sheet 6GK5897-4PY00-0DA0

ANT897-4PY, antenna for 5G/4G/3G/2G networks in frequency range from 617 to 5925 MHz 4 antenna elements; omnidirectional characteristic antenna gain: 1..4 dBi including 4x 2 m cable with SMA plug-in connector; IP65/IP67; -30..+70 °C; exact specification and national approvals to be observed



product brand name	SCALANCE
Technical Product Detail Page	https://i.siemens.com/1P6GK5897-4PY00-0DA0
suitability for operation	antenna for 5G/4G/3G/2G networks
radio frequencies	
type of wireless network / is supported	5G public networks, 5G private networks, LTE, UMTS, GSM
operating frequency / 1	617 ... 960 MHz
operating frequency / 2	1452 ... 2700 MHz
operating frequency / 3	3300 ... 5925 MHz
electrical data	
antenna gain compared to spherical radiator	
● with linear radiation	typical maximum gain measured on metallic floor area Ø 0.35 m with cable length 0.3 m
● with linear radiation / in operating frequency area 1 / typical	1 dB
● with linear radiation / in operating frequency area 2 / typical	4 dB
● with linear radiation / in operating frequency area 3 / typical	4 dB
impedance	50 Ω
polarization	Linear Vertical
radiation characteristic	omnidirectional
standing wave ratio (VSWR) / maximum	2.5
number of electrical connections / of the antenna	4
type of electrical connection / of the antenna	SMA Connector
design of plug-in connection	male
mechanical data	
material	
● of outer shell	PC+ABS
color	black
ambient conditions	
ambient temperature	
● during operation	-30 ... +70 °C
● during storage	-40 ... +85 °C
protection class IP	IP65/67
design, dimensions and weights	
height	53 mm
diameter	153 mm
net weight	1290 g
fastening method	from outside in 32 mm drill hole, one stainless steel nut
fastening method	

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● mast mounting	No
● flat roof mounting	Yes
● wall mounting	No
● roof mounting	Yes
● directly on the device	No
cable designation	J195
wire length / of antenna cable	2 m
product features, product functions, product components / general	
product feature / silicon-free	No
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

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