

Data Sheet



4G LTE Antennas (HSA-0727XXX)

GSM LTE/4G antennas



Product	Frequency range	VSWR	Gain	Polarization type	Rated power	Input impedance
HSA-0727MS1	700-2700 MHz	≤ 2.0	5 dBi	vertical	100 W	50 Ω
HSA-0727TBF	700-2700 MHz	≤ 2.0	7 dBi	vertical	50 W	50 Ω
HSA-0727TFD	700-2700 MHz	≤ 2.0	5 dBi	vertical	50 W	50 Ω
HSA-0918TFN2	700-2700 MHz	≤ 2.0	2 dBi	vertical	10 W	50 Ω

Product	Connector	Antenna length	Radiator	Working temperatures	Weight
HSA-0727MS1	SMA male	Ø28x182 mm	Cuprum	-40°C~+60°C	60 g
HSA-0727TBF	SMA male	Ø18.2x172 mm	Cuprum	-40°C~+60°C	18 g
HSA-0727TFD	SMA male	Ø13x195 mm	Cuprum	-40°C~+60°C	22 g
HSA-0918TFN2	SMA male	Ø30x80 mm	Cuprum	-40°C~+60°C	66 g

HSA-0727MS1

 Image (20) placeholder or type unknown	Electrical specifications: <ul style="list-style-type: none">• Frequency range: 700-2700 MHz• VSWR: ≤ 2.0• Gain: 5 dBi• Polarization type: vertical• Rated power: 100 W• Input impedance: 50 Ω Mechanical specifications: <ul style="list-style-type: none">• Connector: SMA male• Antenna length: $\varnothing 28 \times 182$ mm• Radiator: Cuprum• Working temperatures: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$• Humidity: 5%-95% RH• Weight: 60 g
 Image (21) placeholder or type unknown	

HSA-0727TBF

 Image (22) placeholder or type unknown	Electrical specifications: <ul style="list-style-type: none">• Frequency range: 700-2700 MHz• VSWR: ≤ 2.0• Gain: 7 dBi• Polarization type: vertical• Rated power: 50 W• Input impedance: 50 Ω Mechanical specifications: <ul style="list-style-type: none">• Radome materials: plastic• Connector: SMA male• Antenna length: $\varnothing 18.2 \times 172$ mm• Radiator: Cuprum• Working temperatures: $-40^{\circ}\text{C} \sim +65^{\circ}\text{C}$• Humidity: 5%-95% RH• Weight: 18 g
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HSA-0727TFD

<div>Image (24)webp for type unknown</div>	<div>Electrical specifications:<ul style="list-style-type: none">Frequency range: 700-2700 MHzVSWR: ≤ 2.0Gain: 5 dBiPolarization type: verticalRated power: 50 WInput impedance: 50 Ω</div> <div>Mechanical specifications:<ul style="list-style-type: none">Radome materials: plasticConnector: SMA maleAntenna length: $\varnothing 13 \times 195$ mmRadiator: CuprumWorking temperatures: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$Humidity: 5%-95% RHWeight: 22 g</div>
<div>Image (25)webp for type unknown</div>	

HSA-0918TFN2

<div>Image (26)webp for type unknown</div>	<div>Electrical specifications:<ul style="list-style-type: none">Frequency range: 700-2700 MHzVSWR: ≤ 2.0Gain: 3 dBiPolarization type: verticalRated power: 10 WInput impedance: 50 Ω</div> <div>Mechanical specifications:<ul style="list-style-type: none">Radome materials: plasticConnector: SMA maleAntenna length: $\varnothing 30 \times 80$ mmRadiator: CuprumWorking temperatures: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$Humidity: 5%-95% RHWeight: 66 g</div>
<div>Image (27)webp for type unknown</div>	

Additional notes

Related information and links		
Ordering information	Accessories	Similar products

Products family sample photo



<https://redisage.com>

DISCLAMER NOTES

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

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