

Data Sheet

GSM Antennas (HSA-0918XXX)

GSM 2G/3G antennas

Product	Frequency range	VSWR	Gain	Polarization type	Rated power	Input impedance
HSA-0918MS2	900-1800 / 1900-2100 MHz	≤ 2.0	5 dBi	vertical	100 W	100 Ω
HSA-0918MS6	900-1800 MHz	≤ 2.0	5 dBi	vertical	100 W	50 Ω
HSA-0918PCB	900-1800 / 1900-2100 MHz	≤ 2.0	4 dBi	vertical	50 W	50 Ω
HSA-0918TEB	900-1800 MHz	≤ 2.0	2 dBi	vertical	50 W	50 Ω
HSA-0918TEB2	900-1800 MHz	≤ 2.0	2 dBi	vertical	50 W	50 Ω
HSA-0918TFF	900-1800 MHz	≤ 2.0	2 dBi	vertical	50 W	50 Ω

Product	Connector	Antenna length	Radiator	Working temperatures	Weight
HSA-0918MS2	SMA male	Ø29x109 mm	Cuprum	-40°C~+60°C	55 g
HSA-0918MS6	SMA male	Ø29x160 mm	Cuprum	-40°C~+60°C	35 g
HSA-0918PCB	IPEX	Ø9x34 mm	Cuprum	-40°C~+60°C	3 g

Product	Connector	Antenna length	Radiator	Working temperatures	Weight
HSA-0918TEB	SMA male	Ø7.8x51 mm	Cuprum	-40°C~+60°C	6 g
HSA-0918TEB2	SMA male	Ø7.8x48 mm	Cuprum	-40°C~+60°C	6 g
HSA-0918TFF	SMA male	Ø8x108 mm	Cuprum	-40°C~+60°C	12 g

HSA-0918MS2

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Electrical specifications:

- Frequency range: 900-1800/1900-2100 MHz
- VSWR: ≤ 2.0
- Gain: 5 dBi
- Polarization type: vertical
- Rated power: 100 W
- Input impedance: 50 Ω

Mechanical specifications:

- Radome materials: plastic
- Connector: SMA male
- Antenna length: Ø29x109 mm
- Radiator: Cuprum
- Working temperatures: -40°C~+60°C
- Humidity: 5%-95% RH
- Weight: 55 g

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HSA-0918MS6

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Electrical specifications:

- Frequency range: 900-1800 MHz
- VSWR: ≤ 2.0
- Gain: 5 dBi
- Polarization type: vertical
- Rated power: 100 W
- Input impedance: 50 Ω

Mechanical specifications:

- Radome materials: plastic
- Connector: SMA male
- Antenna length: $\varnothing 29 \times 160$ mm
- Radiator: Cuprum
- Working temperatures: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Humidity: 5%-95% RH
- Weight: 35 g

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HSA-0918PCB

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Electrical specifications:

- Frequency range: 900-1800/1900-2100 MHz
- VSWR: ≤ 2.0
- Gain: 4 dBi
- Polarization type: vertical
- Rated power: 50 W
- Input impedance: 50 Ω

Mechanical specifications:

- Radome materials: PCB
- Connector: IPEX
- Antenna length: $\varnothing 9 \times 34$ mm
- Radiator: Cuprum
- Working temperatures: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Weight: 3 g

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HSA-0918TEB

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Electrical specifications:

- Frequency range: 900-1800 MHz
- VSWR: ≤ 2.0
- Gain: 2 dBi
- Polarization type: vertical
- Rated power: 50 W
- Input impedance: 50 Ω

Mechanical specifications:

- Radome materials: plastic
- Connector: SMA male
- Antenna length: $\varnothing 7.8 \times 51$ mm
- Radiator: Cuprum
- Working temperatures: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Humidity: 5%-95% RH
- Weight: 6 g

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HSA-0918TEB2

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Electrical specifications:

- Frequency range: 900-1800 MHz
- VSWR: ≤ 2.0
- Gain: 2 dBi
- Polarization type: vertical
- Rated power: 50 W
- Input impedance: 50 Ω

Mechanical specifications:

- Radome materials: plastic
- Connector: SMA male
- Antenna length: $\varnothing 7.8 \times 48$ mm
- Radiator: Cuprum
- Working temperatures: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Humidity: 5%-95% RH
- Weight: 6 g

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HSA-0918TFF

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Electrical specifications:

- Frequency range: 900-1800 MHz
- VSWR: ≤ 2.0
- Gain: 2 dBi
- Polarization type: vertical
- Rated power: 50 W
- Input impedance: 50 Ω

Mechanical specifications:

- Radome materials: plastic
- Connector: SMA male
- Antenna length: $\varnothing 8 \times 108$ mm
- Radiator: Cuprum
- Working temperatures: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Humidity: 5%-95% RH
- Weight: 12 g

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Additional notes

Related information and links

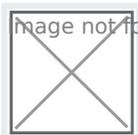
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