

Signamax Antennas for 5 GHz band (5,400 – 5,725 and 5,725 – 5,875 GHz)

SPECIFICATIONS

065-5808

Frequency Range: 5,725 – 5,875 MHz
Gain: 8 dBi
Vertical Beamwidth: 16°
Horizontal Beamwidth: 360°
VSWR: ≤ 1.5
Nominal Impedance: 50 Ω
Polarization: Vertical
Max Power: 100W
Dimension: $\geq 20 \times 350$ mm
Weight: 200 g
Connector: N female
Rated Wind Velocity: 60 m/s

065-5812

Frequency Range: 5,725 – 5,875 MHz
Gain: 12dBi
Vertical Beamwidth: 7°
Horizontal Beamwidth: 360°
VSWR: ≤ 1.5
Nominal Impedance: 50 Ω
Polarization: Vertical
Max Power: 100W
Dimension: $\geq 20 \times 540$ mm
Weight: 500 g
Connector: N female
Rated Wind Velocity: 60 m/s

065-5818

Frequency Range: 5,150 – 5,350 /
5,725 – 5,875 MHz
Gain: 18 dBi
Horizontal Beamwidth: 40 \pm 5°
Vertical Beamwidth: 40 \pm 5°
F/B Ratio: 15 dB
VSWR: ≤ 1.5
Nominal Impedance: 50 Ω
Polarization: Vertical
Max Power: 100W
Connector: N female
Dimension: 190 x 216 x 50 mm

065-5824

Frequency range: 5,725 – 5,875 MHz
Gain: 24 dBi
VSWR: ≤ 1.5
Nominal Impedance: 50 Ω
Polarization: Vertical or Horizontal
Max Power: 100W
Connector: N Female
Horizontal Beamwidth: 9°
F/B ratio: ≥ 30 dB
Diameter: 0.4 m
Weight: 3 kg

065-5829

Frequency range: 5,725 – 5,875 MHz
Gain: 29 dBi
VSWR: ≤ 1.5
Nominal Impedance: 50 Ω
Polarization: Vertical or Horizontal
Max Power: 100W
Connector: N Female
Horizontal Beamwidth: 6 Degree
F/B ratio: ≥ 35 dB
Diameter: 0.6 m
Weight: 5 kg

065-5832

Frequency range: 5,725 – 5,850 MHz
Gain: 32.5 dBi
VSWR: ≤ 1.5
Nominal Impedance: 50 Ω
Polarization: Vertical or Horizontal
Max Power: 100W
Connector: N Female
Horizontal Beamwidth: 4°
F/B ratio: ≥ 38 dB
Diameter: 0.9 m
Weight: 10 kg



065-5423, 065-5429, 065-5431

Freq. Range: 5,400 – 5,725 MHz
Gain -dBi: 23.5, 28.5, 31.5
Hor. Beamwidth: 9, 6, 4°
Vert. Beamwidth: 9, 6, 4°
F/B Ratio: ≥ 30 , ≥ 35 , ≥ 38 dB
VSWR: ≤ 1.65
Input Impedance: 50 Ω
Polarization: Vertical or Horizontal
Max. Power: 100W
Connector: N Female
Diameter: 0.4, 0.6, 0.9 m
Weight: 3, 5, 10 kg

Antennas for 5 GHz communication system

PART NO.	DESCRIPTION
065-5808	OMNI-directional antenna, Gain 8 dBi, Band 5,725 – 5,875 GHz, Vert. pol., connector N Female
065-5812	OMNI-directional antenna, Gain 12 dBi, Band 5,725 – 5,875 GHz, Vert. pol., connector N Female
065-5818	UNI-directional antenna, Gain 18 dBi, Band 5,725 – 5,875 GHz, Vert./Hor. pol., connector N Female
065-5824	UNI-directional antenna, Gain 24 dBi, Band 5,725 – 5,875 GHz, Vert./Hor. pol., connector N Female
065-5829	UNI-directional antenna, Gain 29 dBi, Band 5,725 – 5,875 GHz, Vert./Hor. pol., connector N Female
065-5832	UNI-directional antenna, Gain 32 dBi, Band 5,725 – 5,875 GHz, Vert./Hor. pol., connector N Female
065-5423	UNI-directional antenna, Gain 23,5 dBi, Band 5,400 – 5,725 GHz, Vert./Hor. pol., connector N Female
065-5429	UNI-directional antenna, Gain 29,5 dBi, Band 5,400 – 5,725 GHz, Vert./Hor. pol., connector N Female
065-5431	UNI-directional antenna, Gain 31,5 dBi, Band 5,400 – 5,725 GHz, Vert./Hor. pol., connector N Female