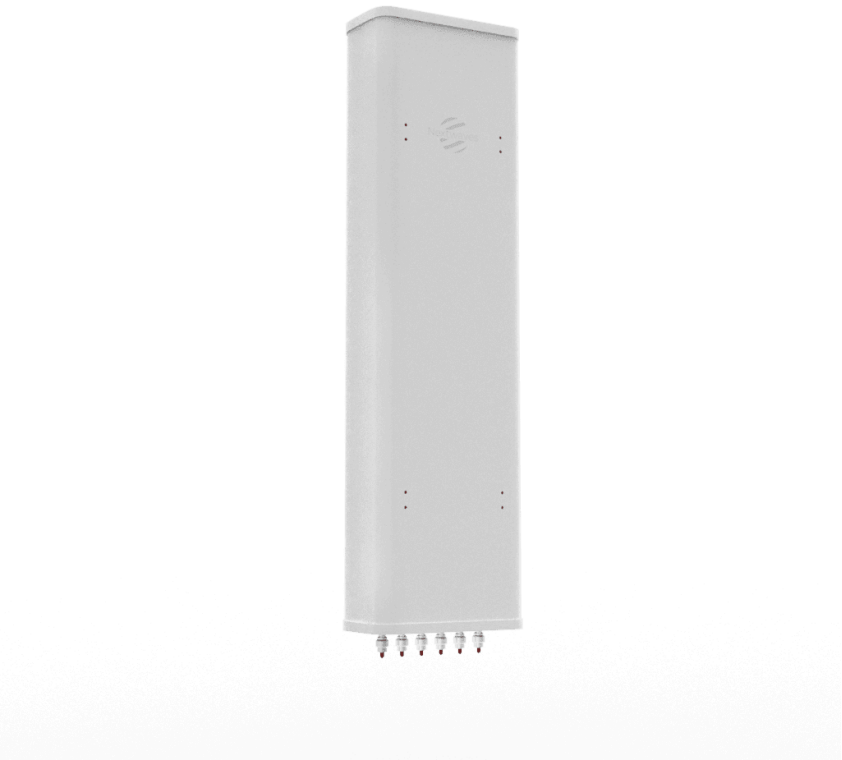
ADVANCED ANTENNA

BTS 4G Antenna - Lowband



FREQUENCY

698 to 960 MHz

ANTENNA GAIN

13.2 to 13.8 dBi

DIMENSIONS (WXLXD)

350 × 1380 × 150 mm

The BTS 4G Antenna - Lowband is a base station panel antenna covering 698 to 960 MHz with 13.2 to 13.8 dBi gain. Dual ±45° polarization, an adjustable 0° to 10° electrical downtilt via a replaceable internal RET and 0° to 20° mechanical downtilt let operators shape coverage per sector. A 67° horizontal and 15° vertical beamwidth suit 4G/LTE base stations, with six 4.3-10 Female connectors and an ASA+PC UV-resistant radome on a 350 × 1380 × 150 mm body.

APPLICATIONS

- Telecommunications
- 4G/LTE Base Stations
- Signal Coverage Extension

FEATURES

01 698 to 960 MHz low-band coverage for 4G/LTE base stations

02 13.2 to 13.8 dBi antenna gain

03 Dual ±45° polarization

04 0° to 10° adjustable electrical downtilt

05 67° ± 4.0° horizontal and 15° ± 2.5° vertical beamwidth

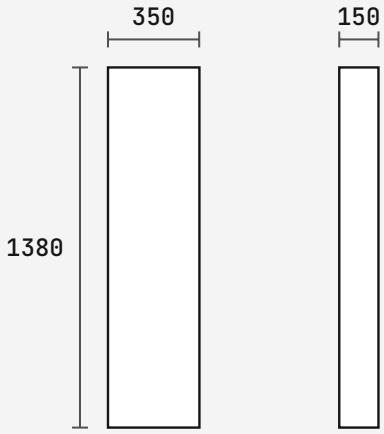
Technical specifications

BTS 4G Antenna - Lowband

Frequency	698 to 960 MHz
Antenna gain	13.2 to 13.8 dBi
Polarization	Dual, ± 45°
Electrical downtilt	0° to 10 °
Horizontal beamwidth	67° ± 4.0 °
Vertical beamwidth	15° ± 2.5°
Dimensions (WxLxD)	350 × 1380 × 150 mm
Net Weight	≤ 17 kg
Lightning Protection	DC ground
Connector	6 × 4.3-10 Connector Female (IP67), bottom positioned

E-TILT Adjusting module	Replaceable internal RET, 1 x bottom positioned
Mechanical downtilt	0° to 20°
Mounting interface	Pole mounting (Ø45 - Ø120 mm)
Wind load (at 150 km/h)	Front/Rear: 640 N, Lateral: 350 N
Survival wind speed	200 km/h
Radome material	ASA+PC, UV resistance
Radome color	Gray (RAL 7047)

OVERALL DIMENSIONS (MM)



Outline of the overall size, not a detailed drawing.