ADVANCED ANTENNA

BTS 4G Antenna - Highband



FREQUENCY

1710 to 2690 MHz

ANTENNA GAIN

16.2 to 16.8 dBi

DIMENSIONS (WXLXD)

350 × 1380 × 150 mm

BTS 4G Antenna - Highband is a base station sector antenna covering 1710 to 2690 MHz for 4G/LTE networks. It provides 16.2 to 16.8 dBi gain with dual ± 45° polarization, a 65° horizontal beamwidth and a 6.4° vertical beamwidth. Adjustable electrical downtilt from 0° to 10° helps tune coverage for telecommunications and signal coverage extension.

APPLICATIONS

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

FEATURES

01 1710 to 2690 MHz highband coverage for 4G/LTE

02 16.2 to 16.8 dBi antenna gain

03 Dual ± 45° polarization

04 0° to 10° electrical downtilt for coverage tuning

05 65° ± 5.0° horizontal and 6.4° ± 1.0° vertical beamwidth

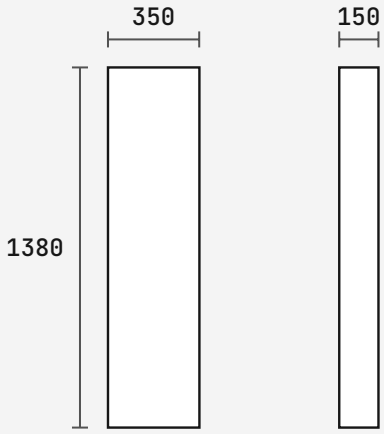
Technical specifications

BTS 4G Antenna - Highband

Frequency	1710 to 2690 MHz
Antenna gain	16.2 to 16.8 dBi
Polarization	Dual, ± 45 °
Electrical downtilt	0° to 10 °
Horizontal beamwidth	65° ± 5.0 °
Vertical beamwidth	6.4° ± 1.0°
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.