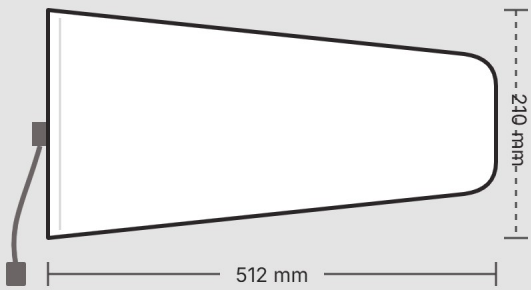
MODEL ANT-252

Broadband Directional Antenna

698–3800 MHz · 9 dBi · Vertical polarisation · N female

A compact log-periodic panel covering every common cellular and WLAN band from a single N connector. Consistent 9 dBi gain across low, mid and C-band makes it a dependable donor or link antenna for cellular routers, boosters and fixed-site 4G/5G installs.

- Supports GSM, CDMA, WLAN, 3G, 4G and 5G
- Wideband: 698–960, 1710–2700 and 3300–3800 MHz
- Lightweight, small footprint – 1 kg including bracket
- UV-stable HIPS radome rated −40 to +60 °C



Dimensions 512 × 210 × 64 mm (±1.5). N female connector on pigtail.

Electrical specifications

Parameter	698–960 MHz	1710–2700 MHz	3300–3800 MHz
Gain (dBi)	9 ± 1	9 ± 1	9 ± 1
Horizontal beamwidth (°)	85 ± 15	80 ± 15	75 ± 15
Vertical beamwidth (°, typical)	60	65	60
Polarisation	Vertical		
VSWR	≤ 1.5		
Front-to-back ratio	≥ 15 dB		
Impedance	50 Ω		
Intermodulation IM3 (2 × 33 dBm)	≤ −140 dBc		
Maximum input power	50 W		

Mechanical specifications

Connector	N female (others on request)
Dimensions (H × W × D)	512 × 210 × 64 mm (±1.5)
Weight	1 kg including bracket
Radome	UV-stable HIPS, white
Mounting	Mast, 25–50 mm, U-bolt bracket
Operating temperature	−40 to +60 °C
Application	Outdoor

Installation

Clamp to a 25–50 mm mast with the supplied bracket and U-bolt.

Mount with the side carrying the small drain hole facing down so water cannot collect inside the radome.

Aim the narrow end toward the target tower or link site.