

Part No ANT516 Cellular 5G Dipole Antenna with 3m Cable

The ANT516 is an economically priced, compact, unity gain 5G antenna suited for use in the bands 690-960, 1710-2700 & 3575-3700 MHz. It comes standard with 3 metres of low loss cable terminating in an SMA male connector & is suited for mounting onto a wall bracket.

This antenna can be used inside or outside, in fixed applications. The 024584 is decoupled from the feed cable and offers a clean radiation pattern at all frequencies.

Applications

Fixed solutions suited for use in the 5G cellular bands 690-960 MHz, 1710-2700 MHz & 3575-3700 MHz.

Tuning

Factory tuned, no further tuning required.

Features

- ✓ Cellular 5G (&4G&3G)
- ✓ Economically priced
- ✓ Compact
- ✓ Can be used inside or outside
- ✓ Comes complete with 3M of low loss cable terminating in an SMA male connector
- ✓ Reliable & Durable
- ✓ Ground Plane Independent
- ✓ May be mounted vertically or horizontally



16mm mtg hole needed

Mtg Stud 5/8" BSW, Depth 17.6mm

Mountings (optional)

WB41 Stainless Steel Wall Bracket 240mm

WB42 Stainless Steel Wall Bracket 80mm

Warranty

3 years (Please refer to [Benelec Terms & Conditions](#))

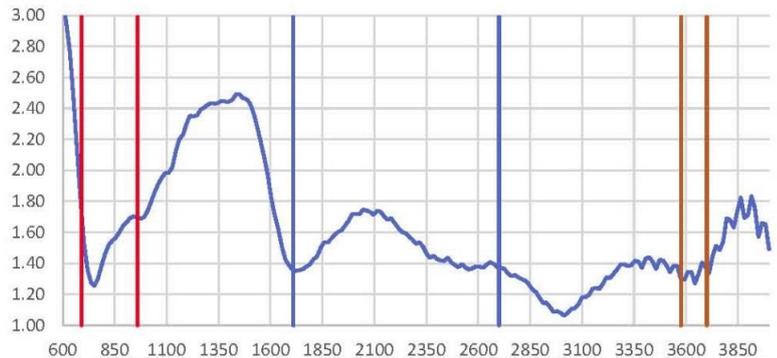
Specifications

Frequency:	@ 690-960 MHz, Tuned BW 270MHz; 1710-2700 MHz TBW 990MHz; 3575-3700 TBW 125MHz.		
VSWR:	2.0:1 max	Power:	5W
Gain:	1.8-4.7dBi	Length:	186mm
Impedance:	50 Ohm nom	Weight:	200g
Radiation Pattern:	Omni directional	Termination:	3m Low loss Cable tail, SMA Male
E Plane Beamwidth:	80 Deg	Windloading @160 KPH:	1.85kg
Projected area:	0.008370 SQM		

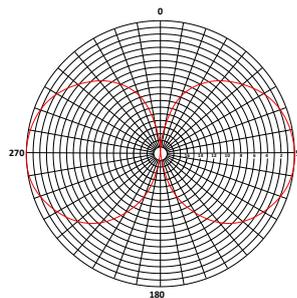
Packaging

Poly Bag PVC –
20 pcs / carton @ G.W. 5kg, 300x300x300mm

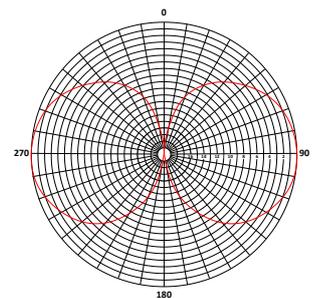
VSWR



Radiation Plots



EPlane – 820 MHz



EPlane – 960 MHz