

DATASHEET

Benelec 3 & 6.5dB Mobile Non-Removable Spring Base Antenna

900/1800MHz, White, FME Socket

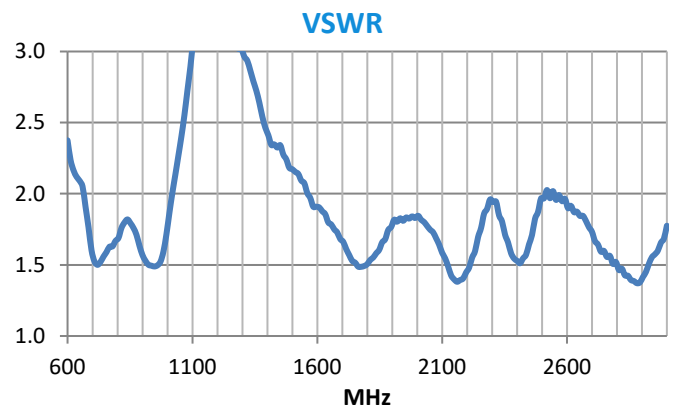
The 024577W antenna is multi-band antenna intended for use in the bands 690-960MHz and 1710-2700MHz. The 024577W antenna does away with the need for three separate antennas whilst maintaining medium gain across the band 690 -960MHz and 1710-2700MHz. The antenna is light weight and comes with a removable cable spring assy. Its reduced height allows for clearance from obstacles, where the antenna is required to be located higher on the vehicle. This antenna is detachable from the mounting spring, this feature offers protection against theft.

APPLICATIONS

Mobile multi-band. Light weight multi-band Base Station.

FEATURES

- Multi-band performance
- 6.5dbi Gain @ 690-960MHz*.
- 3.0dbi Gain @ 1710-2700MHz*.
- Ground Independent.
- White Fibreglass and thick-walled radome.
- Light weight
- Polished barrel Stainless Steel Spring.
- Designed and manufactured in Australia.
- Detachable antenna.



SPECIFICATIONS

Frequency:	@690-960MHz Tuned Bandwidth 270 MHz: @1710-2700MHz Tuned Bandwidth 990 MHz.
Gain:	5.5dBi @890-960MHz & 3dbi @ 1710-2700MHz
Impedance:	50 Ω (Nominal)
Length:	945mm
Operating VSWR:	<2.0:1
Termination:	FME socket 5M LL195 Cable tail.
Radiation Pattern:	Omi Directional
E Plane Beamwidth:	20 Deg @690-960MHz.
Construction:	Fiberglass Radome, S/Steel Spring with Chromed Brass Fittings.

Gain over ¼ wave antenna on a ground plane.

PACKAGING

Blister packaging, one antenna per pack, 920 x120 x 35mm
10 pcs/Carton, 1400 x 205 x 235mm

