

Section 1

BASE STATION ANTENNAS

Updated 17 May 2012

ZM108A-CB 27 MHz Land CB Radio Collinear Base Station Antenna

Gain
2.1 dBi



ZM108A-CB is a ground independent collinear base station antenna factory tuned for 27 MHz land CB radio communications. This model can be mounted parallel to a mast or side mounted to any flat vertical surface, such as the outside wall of a building.

The white fibreglass radome and stainless steel mount tube stands 2.8 metres tall. The internal radiator is copper and the end fed half wave design produces excellent performance.

An N-Female connector is located at the base of the stainless steel mount tube. The maximum input power rating is 25 watts.

All components used are of the highest quality to ensure long term reliable service in harsh Australian weather conditions.

Mounting clamps, feeder cable, connectors and other accessories are available separately to complete the antenna installation.

SPECIFICATIONS	ZM108A-CB
Construction	Single piece white fibreglass tapered radome, copper radiator, stainless steel mount tube
Frequency	27 MHz Land CB Radio
Tuning	Factory
VSWR	Better than 1.5:1
Gain	2.1 dBi
Max Input Power	25 Watts
Impedance	50 Ohms
Polarisation	Vertical
H-Plane	360° Omnidirectional
Connector	N-Female at base of mount tube
Height	2.8 metres
Weight	1.6 kg
Mount Tube	500 mm long x 22 mm diameter
MAST Mounting Clamps <i>(Not supplied, order separate)</i>	2 x EB1SS stainless steel parallel clamps are recommended. Suit round mast between 20 mm and 50 mm in diameter.
SIDE Mounting Clamps <i>(Not supplied, order separate)</i>	2 x NSM-B20M nylon side mounts are recommended to suit the 20 mm diameter mount tube.

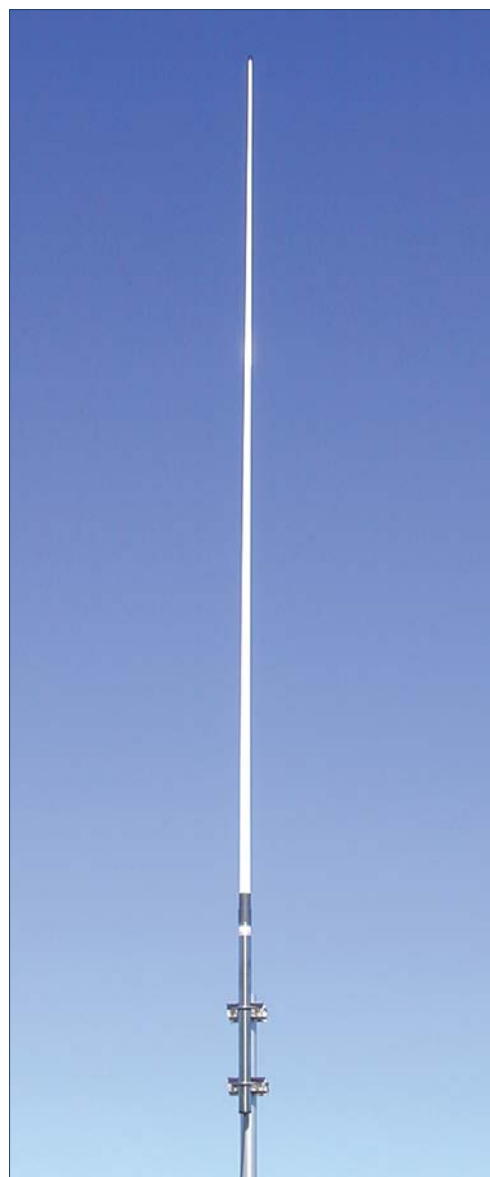


NSM-B20M

Constructed from nylon with stainless steel bolts and washers, these Nylon Side Mounts are specifically designed to mount the ZM108A-CB antenna to the side of any flat vertical structure, such as the side of a building

Drill a 12.7 mm (1/2") diameter hole through the vertical surface for the stainless steel bolt. Then tighten the bolt to firmly secure the side mount in position.

Using two (2) of these nylon side mounts, the antenna mount tube is held tight by the 8 mm stainless steel clamp bolt.



EB1SS
stainless steel
parallel mast
clamps