

Section 1

BASE STATION ANTENNAS

Updated 14 February 2011

ZM40 5 Piece Aluminium 40.6 MHz Collinear

Frequency
40.6 MHz

Bandwidth
n/a



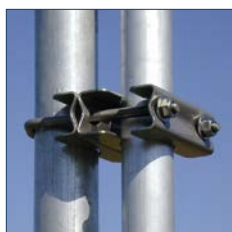
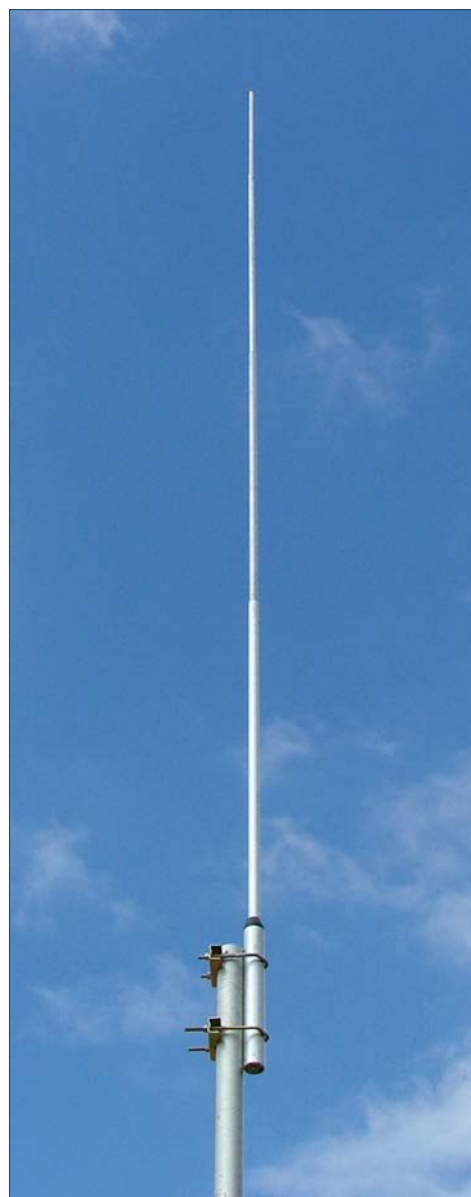
Factory tuned for 40.6 MHz, the ZM40 collinear antenna offers an economical and light weight solution for omnidirectional transmit and receive.

This end fed half wave base station antenna consists of a 5 piece anodised aluminium telescopic tube which stands 3.85 metres tall when fully assembled.

An N-Female connector rated for up to 50 watts input power is located at the base of the mount tube.

Most mounting clamps, coaxial feeder cable, connectors and other accessories are available to complete the installation.

SPECIFICATIONS	ZM40
Construction	5 piece anodised aluminium telescopic tube
Frequency	40.6 MHz
Tuning	Factory
Return Loss, VSWR	Better than -15 dB, < 1.5:1
Gain	0 dBd (= 2.1 dBi)
Max Input Power	50 Watts
Impedance	50 Ohms
Polarisation	Vertical
H-Plane	360° Omnidirectional
Cable Tail	None
Connector	N-Female located at base of mount tube
Height	3.85 metres when fully assembled, joining screws are supplied
Weight	1.3 kg
Length when packed	1 metre
Mount Tube	300 mm long x 38 mm diameter
Mounting Clamps recommended	2 x EB1SS clamps available separately



EB1SS clamps have all stainless steel components and will secure the ZM40 collinear antenna parallel to a round mast between 20 mm and 50 mm in diameter.