

02316C - VHF Mid Band Mobile Antenna (Ground Plane Independent)

Description

The model 02316C is a Mid Band *Ground independent antenna offering excellent performance in mounting situations where sufficient vehicle ground plan is not available. The wide bandwidth (3 MHz) affords duplex coverage within the mid-band range. The antenna is fully tuneable across the range 77-85 MHz.

Applications

- Duplex Coverage within the mid-band range.

Construction

- The Radiator is constructed of 17-7 PH Tapered Stainless Steel affording excellent durability in rough conditions. The matching circuit is fully incorporated within the base assembly.

Mounting

- Via a UHF socket style base.

Specifications

Electrical

Model	Frequency MHz	*Gain (dBD)	Tuned Bandwidth	Operating VSWR	Input Impedance	Vertical Beamwidth	Horizontal Beamwidth
02316BC	77-88	3	3.2 MHz	<2.0:1	50 ohms (Nominal)	80°	Omni

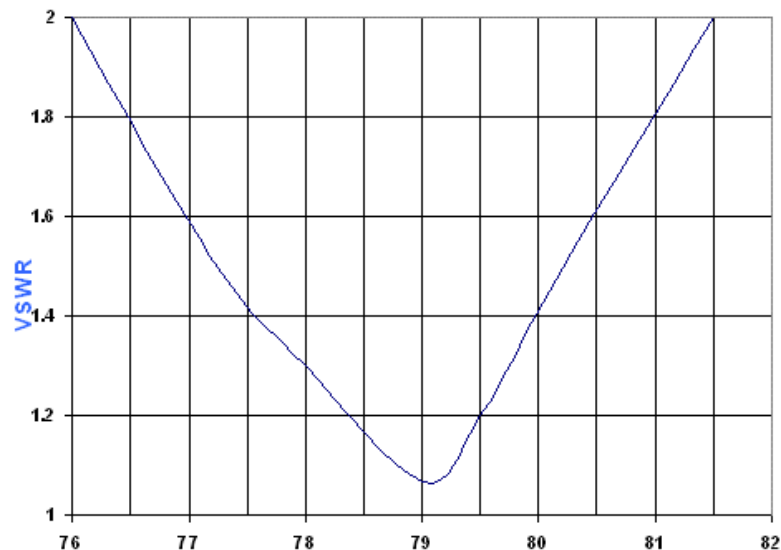
*Gain over 1/4 wave on ground plane.

Mechanical

Model	Construction	Length (m)	Width (m)	Weight (kg)	Termination	Projected Area	Wind Loading @160 KPH
02316C	S/Steel Radiator Delrin	2.2	N/A	0.40	UHF Male Plug	Not Applicable	Not Applicable

Mounting Details: S0239 Base - Other optional fitting available singularly or in kit form..

VSWR



Radiation Pattern

