



Benelec VHF Mid Band Mobile Tapered Whip
1.5m | 48 – 85 MHz

The 02403 is a unity gain, quarter-wave ground plane mobile antenna with a tapered 17-7PH stainless steel whip, tunable across the VHF band from 48 to 85 MHz. Its rugged construction ensures long-lasting durability and reliable performance. Designed for use with the 02720 mobile base, the antenna is tuned at the base, with the radiator secured to the ferrule using stainless-steel grub screws.

FEATURES

- Tapered, rigid, 17-7PH stainless-steel radiator
- Nickel plated brass base ferrule with stainless-steel grub screws
- Durable
- Rugged construction

MOUNTING

Any mobile mounting bracket that will accommodate a Standard base. Please refer to our website for all available mobile mounting bracket.

Must be used with 02410 ferrule (supplied separately)

APPLICATION

Mobile coverage for mid band VHF commercial radio bands

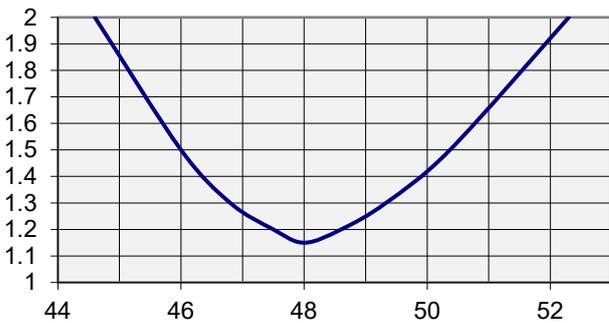
SPECIFICATIONS

Frequency	48 – 85 MHz
Gain	Unity (0dBd)
VSWR	<2.0:1 Tuned Bandwidth 12% <1.5:1 Tuned Bandwidth 6%
Impedance	50 Ω nominal

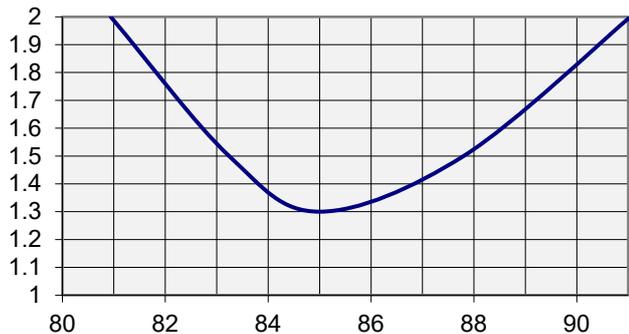
Vertical Beamwidth	60°
Termination	5/16" 26 TPI female thread
Antenna Length	1510 mm
Net Weight	350 g



TYPICAL VSWR @48 MHz



TYPICAL VSWR @85 MHz



PACKAGING

Individual Packaging
Cardboard Tube, One Antenna Per Pack
Tube Dimensions: 1550 x 40 mm
Gross Weight: 0.4 kg



WARRANTY
3-Year Warranty
(Refer to [Benelec Terms and Conditions](#))



02410
5/16" Ferrule
for Stainless Steel Whip
(Not Included)