

**356-75-ABS-NF**

The antenna model 356-75-ABS-NF is a low-profile VHF transit antenna designed to cover 10 MHz band width. This antenna is a suitable alternative to a 1/4 wave whip mobile antenna or narrow band transit antenna. When mounted on a horizontal surface, maximum radiation is omnidirectional and vertically polarized. These antennas will be an excellent choice for applications that require low clearance, such as in cases where the antenna is to be mounted on trains, public transit vehicles, construction equipment and police vehicles.

The model 356-75-ABS-NF is a folded 1/4 wavelength section of aluminum tube housed in an impact resistant ABS radome. An original matching mechanism has been designed to accommodate the wide bandwidth. To ensure a moisture proof installation, this antenna is supplied with a mounting gasket.

Electrical Specifications	356-75-ABS-NF
Nominal Gain	Unity
Maximum Power, Watts	150
Frequency Range, MHz	138-174
Bandwidth VSWR: 2.0:1, MHz	10
Nominal Impedance, Ohms	50
Radiation Pattern	Omni
Polarization	Vertical
Radome Material	High Impact ABS
Connector	N-Female (see ordering information)
Height, in (mm)	7.25 (185)
Length, in (mm)	21.25 (540)
Width, in (mm)	4.5 (115)
Weight, lbs (kg)	2.5 (1.14)
Minimum Ground Plane Size, in	36 x 48

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**Order information:** Specify exact frequency, Specify connector type: UHF, BNC or N-Female

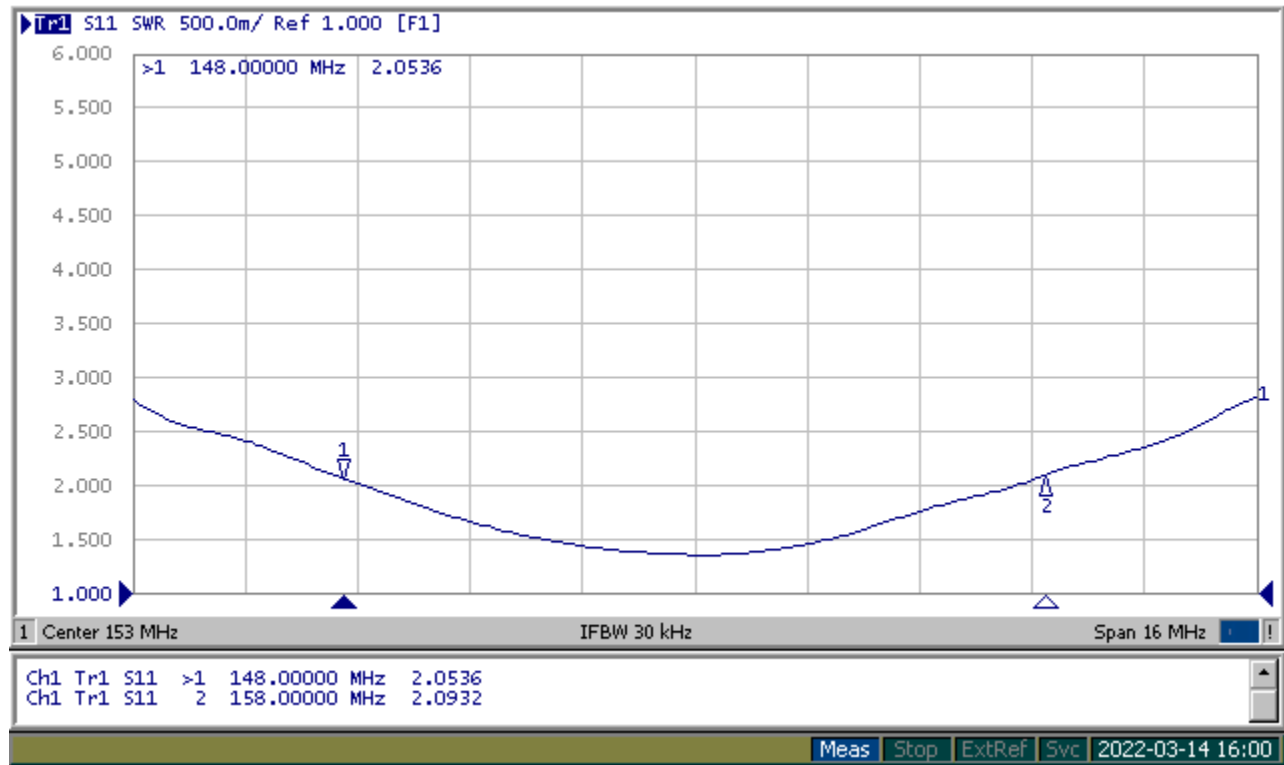
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Figure 1 VSWR Curve of 356-75-ABS-NF (Antenna tuned to around 153 MHz central frequency)

**Note:** This antenna series is also available for

- **220 MHz - version** with a bandwidth of 12 MHz
- **UHF - version** with a bandwidth of 25 MHz