

BUMP-400900**Features**

- Antenna for covert applications
- 400-900 MHz, 500 MHz bandwidth
- Flexible radiating element
- Easy to deploy
- Can be installed in Bumper area
- Compatible with any vehicle model or manufacturer

Description

Comprod wideband Bumper Antenna BUMP-400900 is designed for covert operations which require effectively invisible antenna hidden inside the bumper of a vehicle. The bumper covers must be plastic.

Featuring a unique and compact design that integrates radiating elements on flexible substrate, this antenna can be easily deployed on uneven surfaces, allowing simplicity and versatility for installation. It is an ideal all-round antenna solution for fitting into narrow spaces in applications where completely discrete antenna is required.

The antenna is provided with 17 feet RG-8X feed cable.

Note:

The connector is provided but not installed for ease of cable running inside the vehicle. The connector will need to be installed on the cable by the customer. Other connectors and cable configuration options are available.

For optimal performance two bumper antennas can be installed, one at the front of the vehicle and one at the rear. The Comprod power splitter (SPLT-400900) is designed for this purpose, helping to create an omni-directional pattern around the vehicle and enabling better network coverage.

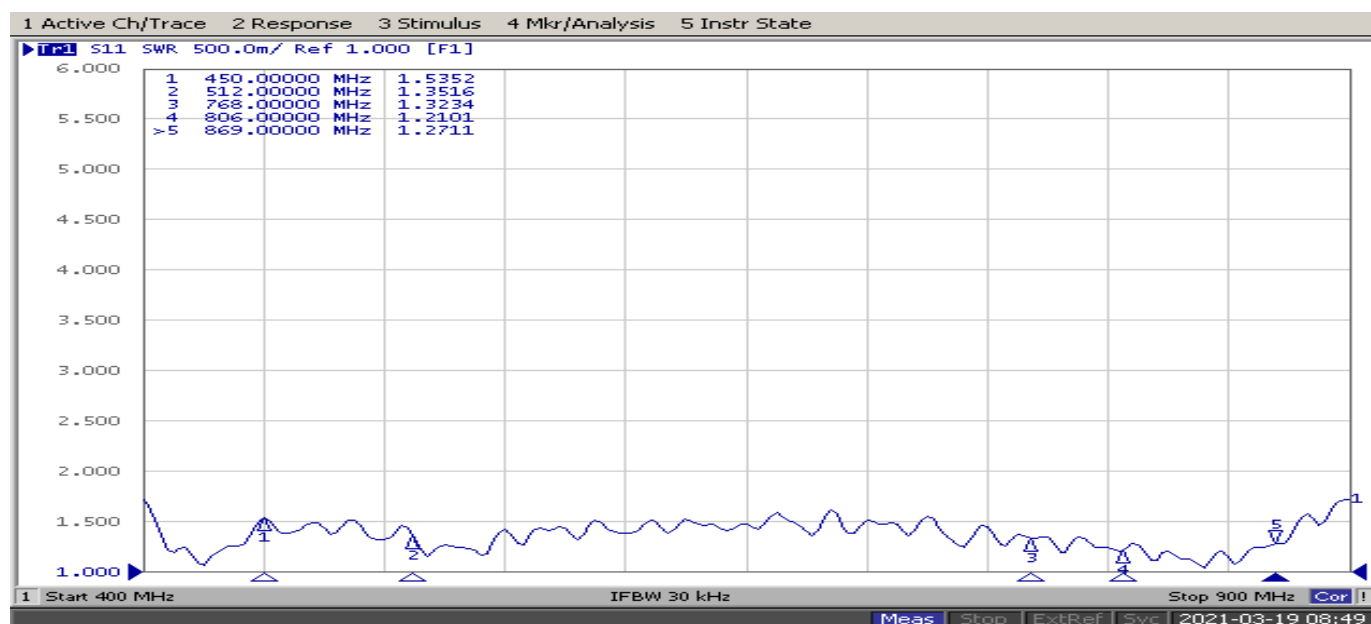


Electrical Specifications

Frequency Range, MHz	400-900
Bandwidth: 1.7:1 VSWR, MHz	500
Nominal Gain (dBd)	Unity
VSWR	1.7:1
Polarization	Vertical
Nominal Impedance, Ohms	50
Pattern	Omnidirectional (Free space)
Power Handling (max), Watts	150
Standard Termination	N Female

Mechanical & Environmental Specifications

Length, in (mm)	8.5 (215.9)
Width, in (mm)	4.5 (114.3)
Thickness, in (mm)	0.067 (1.71)(Including adhesive pad)
Operating Temp °F (°C)	-40 to +158 (-40 to +70)
Fixing Method	Adhesive Pad



VSWR Curve of BUMP-400900