

Passive monitoring antenna

OMNI-A00113

300MHz-3000MHz



PRODUCT FEATURES:

- 300 MHz to 3000 MHz frequency range
- Rugged construction
- Suited for vehicle mount applications

APPLICATION:

- UHF monitoring

PRODUCT DESCRIPTION:

The OMNI-A00113 is a passive dipole antenna designed for mounting on vehicles. The wideband design makes it suitable for spectrum monitoring.

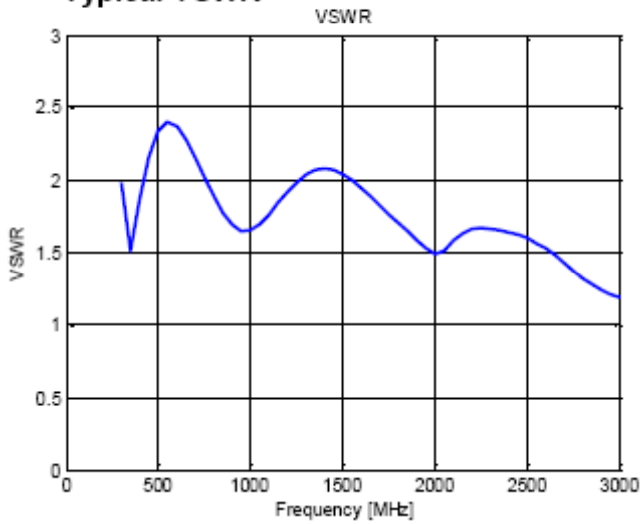
SPECIFICATIONS:

Electrical:	
Frequency range	300 MHz – 3000 MHz
VSWR	< 2.5:1
Feed power handling	Receive only
Nominal input impedance	50 Ω
Connector	N-type female
Polarization	Vertical
Pattern	Omni-directional
Gain	- 0.5 dBi typical
Mechanical:	
Base (d x h)	220 mm x 435 mm
Weight	2.65 kg
Environmental:	
Wind survival	160 km/h
Temperature range	- 20 °C to +70 °C
Water ingress rating	IP65

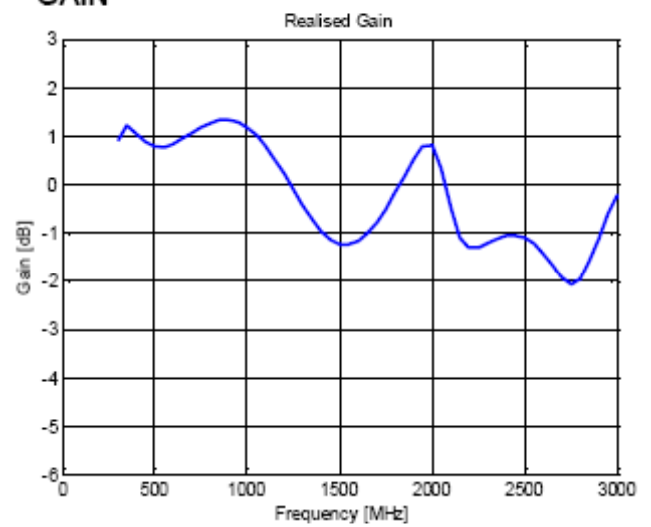
“OMNI-A00113” 300MHz – 3000MHz

VSWR and GAIN GRAPHS

Typical VSWR

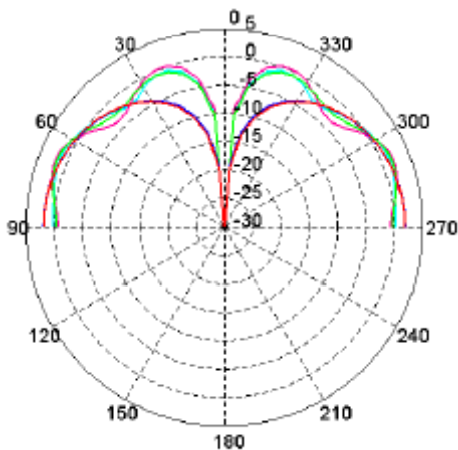


GAIN



Radiation patterns

OMNI-A00113 Elevation Patterns



OMNI-A00113 Azimuth Patterns

