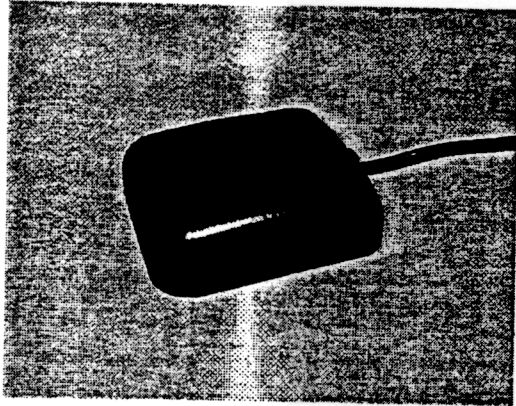


NAIS



New VIC-1 ^{HS}LP Automotive Antenna

Technical Specification of Standard Type:

Performance Characteristics:

Operating Frequency	L1 1575.42 $\pm$ 1.023 MHz (typ)
Input Impedance	50 Ohm
VSWR	2.5 (max.)
Bandwidth	45Mhz (typ.)
Polarization	Right hand circular
Azimuth Coverage	360 degrees
Elevation Coverage	0 degree to 90 degrees
Gain Characteristics of Antenna Element	Gain: 3.0 dBi (typ.) -10 dBi min. at 0 degrees elevation Axial ratio: 3 dB (typ.)
Filtering	-25dB(1670MHz)(typ.) -25dB(1480MHz)(typ.)
Total Gain	24.5 dBi (typ.) w/ 6 m. cable
Noise Figure	1.0 dB (typ.), 1.5 dB (max.)

Electrical Characteristics:

Power Requirements	5 $\pm$ 0.5 VDC
Power Consumption	27 mA (max.)

Physical Characteristics:

Dimensions	46 L x 39 W x 12.5 H mm
Weight	31 g.
Cable Length	6000 $\pm$ 70 mm
Mounting Method	Magnet
Connectors	SMA, SMB, BNC, TNC, OSX, GT5
Color	Charcoal Gray

Environmental Characteristics:

Temperature	Operational: -40°C to +85°C Storage: -45°C to +100°C
Humidity	40 to 95% RH (Below Dew Point)

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