



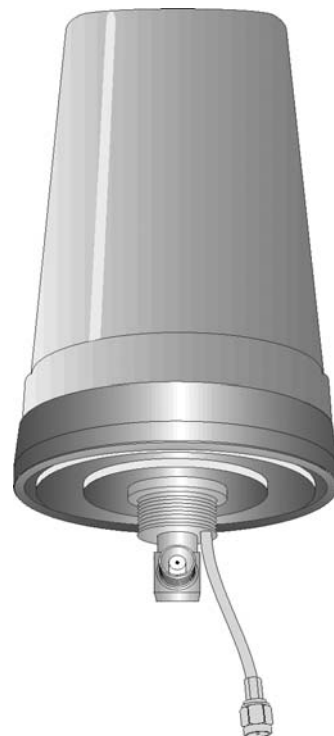
DOUBLE BAND OMNIDIRECTIONAL MOBILE ANTENNA WITH GPS 400 ... 470 MHz and 870 ... 960 MHz

LP 401-9-G

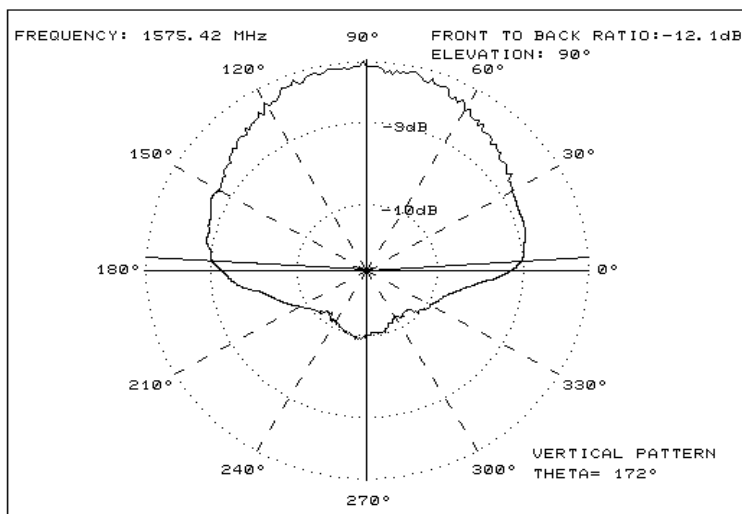
Expoxy radomized antenna
With DC grounded lightning protection

MAIN CHARACTERISTICS

Type	: 1/4
Frequency range	: 400 - 470 MHz
	: 870 - 960 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Maximum rated RF power	: 25 watt for 400 MHz
	: 8 watt for 900 watt
Polarization	: Vertical
Gain	: 0 dBd over 1/4 wave
Type of connection - UHF	: TNC female 90°
Type of connection - GPS	: SMA female with cable
Mounting hole	: 26 mm
Body treatment	: Alodine 1200
Working temperature	: From -35° to +80°
Dimensions	: 160 x 104 mm
Net weight	: abt. 800 g



GPS RADIATION PATTERN



GPS ANTENNA SPECIFICATION

Type	: Planar patch
Frequency range	: 1575.42 MHz
Polarization	: Right - circular
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Gain	: +4.5 dBic zenit
Beamwidth -3 dB	: 172°

GPS AMPLIFIER SPECIFICATION

Type	: A FIL 27
Voltage	: 5 V dc
Current	: 20 mA
Typical Gain	: 27 dB
Noise figure	: < 1:1.5 dB
Input impedance	: 50 ohm
Input V.S.W.R.	: < 1:2
Output V.S.W.R.	: < 1:1.5
Reverse isolation	: > 48 dB
Output compr. point	: 1 dBm

