

MAIN CHARACTERISTICS

UHF

Type:	5/8λ monopole
Frequency range:	370 – 480 MHz (see cutting diagram)
Input impedance:	50 Ω
Maximum RF power:	30 W
Polarization:	vertical
Gain:	2 dB over λ/4 monopole

PATCH GPS

Frequency range:	1575,42 MHz ± 3 MHz
V.S.W.R.:	< 2:1
Polarization:	Right Hand Circular
Gain:	1 dBi min. (70x70 mm ground plane)

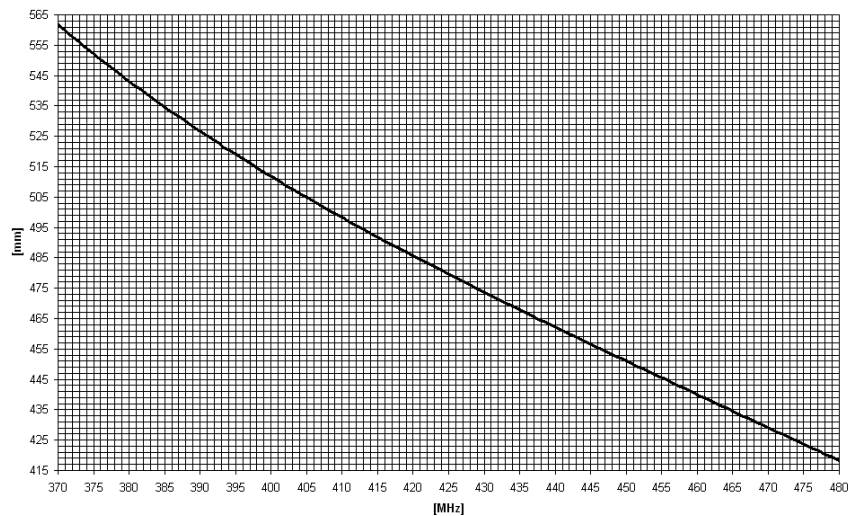
LNA GPS

Gain:	29 dB typ. (5 Vdc power supply)
Noise Figure:	2 dB max. (5 Vdc power supply)
Attenuation:	28 dB min. (@ 1575,42 ± 100 MHz)
VSWR:	< 2:1
Consumption current:	30 mA max.
Output impedance:	50 Ω
Operating voltage:	3÷5 Vdc

MECHANICAL CHARACTERISTICS

Whip length:	abt. 560 mm max
Whip type:	stainless steel
Type of connection UHF:	0,30 m of RG 174 + SMA female
Type of connection GPS:	0,30 m of RG 174 + SMA male
Mounting:	see perforation mask
Temperature range:	-40° to +70°C
Total weight:	abt. 0,3 kg

CUTTING DIAGRAM



PERFORATION MASK

