

NAP100

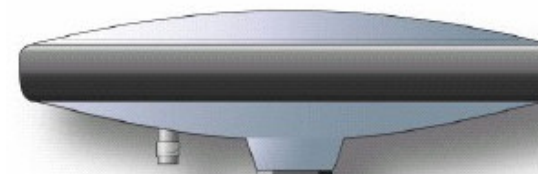
L1 GPS ANTENNA for SURVEY APPLICATIONS

PART NUMBER:

P/N : R 802001

SPECIFICATIONS:

Frequency band	1575 ± 10MHz @ -3dB
Polarization	RHCP (Right Hand Circular Polarization)
Axial ration	3dB max
LNA gain	14 ± 2dB
Noise figure	2 dB max
SWR	< 2.0:1
Impedance	50 Ohms
Power supply	3.5 to 7 VDC, 20mA max
Operating temperature	-40°C to +70°C
Weight	469g
Chocks & vibrations	ETS 300 019 / EN 60945
Waterproof	IP 67
Connector	TNC-F
Mounting	5/8-11 UNC-2B threaded receptacle, 0.75 " deep
Electrical phase center position (NGS calibration)	north : 1.0mm, east : 3.8mm, up : 73.2mm above ARP
Electrical phase center repeatability	± 1.5mm rms
Radius	105mm
Measurement point	41mm above ARP



MECHANICAL (in mm)

