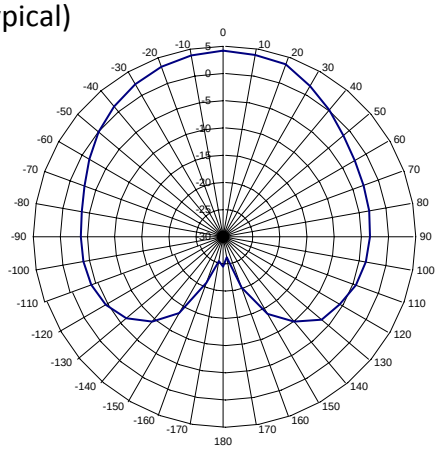
B102
GPS+GLONASS ANTENNA





Integrated Antenna & LNA

Frequency Bandwidth	1570 to 1610 MHz
Patch antenna max gain	4 dBic, at 90° (zenith)
Polarization	RHCP
LNA Gain	28 dB (typical)
Noise figure	< 2.0 dB
Filter selectivity at ± 90 MHz	> 40 dB
Gain with 3 m cable RG174/U	27 dB (typical)
Gain with 5 m cable RG174/U	24 dB (typical)
Output VSWR	≤ 2:1
Impedance	50 Ohm
Vertical radiation pattern	



DC bias: via cable

Supply voltage range	2.5 to 5.5 V
Supply current	25 mA

Mechanical

Dimensions	47 x 35.6 x 15.8 mm
Weight (with cable)	90 g
RF cable length	3 m, 5 m, custom
RF connector	TNC (option - SMA, SMB)

Environmental Specifications

Temperature	- 40 to + 55 °C
Weatherproof housing	IP65