

Overall Antenna Specification



Centre Frequency	: 1575.42 MHz to 1602MHz
Zenith Gain (0°) 1575.42 / 1602	: 28.2 ±3dBic. / 28.1 ±3dBic
Output Impedance	: 50Ω
Output V.S.W.R	: 2 typ.
Operation Voltage	: DC = 3V to 5V
Current	: DC = 6.5 ±2mA

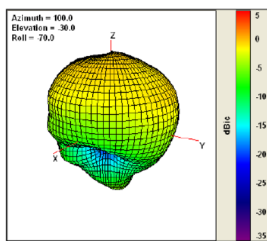
LNA Specification

Centre Frequency	: 1575.42 MHz to 1602MHz
Gain (0°) 1575.42 / 1602	: 28 ±3dB. / 27 ±3dB.
Noise Figure	: 3dB typ.
Filter Out band Attenuation	: 25dB typ. @ ±50MHz
Output V.S.W.R	: 2dB typ.
Operation Voltage	: DC = 3V to 5V
Current	: DC = 6.5 ±2mA

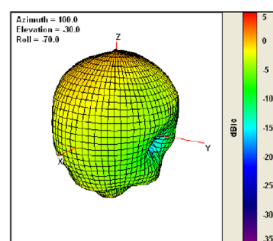
Environmental & Mechanical Characteristics

Temperature	: -40°C to +85°C
Humidity	: 95% @55°C
Antenna Housing Colour	: Cool Grey 2C
Antenna Housing Material	: PC
Weight	: 105g
Dimensions	: (L) 55mm × (W) 64mm

3D Radiation Pattern



1575.42 MHz



1602 MHz

Part Number Table

Description	Part Number
GPS and Glonass Outdoor Antenna, 1575 MHz to 1602 MHz	MPOE-GPSGLO-016-CN

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