

GPS_WP/TRK Series – GPS ANTENNA



Waterproof GPS Active Antenna with a filtered LNA

Frequency: 1575.42MHz
LNA Gain (at 5V): 27dB Nominal
LNA Noise Figure: 1.5dB (Typ.)
IP Rating: IP67 (Waterproof)
Supply Voltage: 3 – 5V
Supply Current: 15mA Max.
Impedance: 50Ω



SPEC.	ITEM	
	Centre Frequency	1575.42MHz±3 MHz
	V.S.W.R	1.5:1
	Band Width	±5 MHz
	Attenuation	fo±100MHz>30dB
	Impedence	50 ohm
	Peak Gain	>3dBic Based on 7×7cm ground plane
	Gain Coverage	>-4dBic at -90°<0<+90°(over 75% Volume)
	Polarization	RHCP

Physical Data

Gross Dimensions: 54mm x 44mm x 15mm, Black ABS Plastic.
Mounting: Magnetic Mount.
Operating Temp: -40 °C to +85 °C
Cable: RG174 – Specified length (-0mm, +100mm)
Connectors: Nickel-plated brass crimp type. Specified type

The above data is to be used as baseline information only. For a more detailed specification, application support or application approval samples, please contact our technical support help desk on +44(0) 2392 327 020. We reserve the right to modify the specifications without prior notice.