



GPS Active Antenna (Model: A-GPSA735XP5)



Specifications

A-GPSA735XP5 is available in many connector types. Please specify required connector type when ordering.

Patch Antenna Specifications

Centre Frequency	1575.42MHz \pm 3MHz
VSWR	1.5:1
Bandwidth	\pm 5MHz
Attenuation	Centre Frequency \pm 100MHz > 30dB
Impedance	50 Ohms
Peak Gain	>3dBic (based on 7x7cm ground plane)
Gain Coverage	> -4dBic at -90° < 0 < +90° (over 75% volume)
Polarisation	RHCP

LNA Specifications

LNA Gain (Without Cable)	27dB typical
Noise Figure	1.5dB
VSWR	<2.0
DC Voltage	3V ~ 5V
DC Current	20MA maximum

Mechanical Specifications

Weight	<100 grams
Dimensions	49(L) x 39(W) x 16(H) mm
Cable	RG174 5 metres long
Connector	SMC Female Straight; other connector types available
Mounting	Magnetic base
Housing	Black

Environmental Specifications

Working Temperature	-40°C to +90°C
Storage Temperature	-40°C to +100°C
Vibration	Sine sweep 1g(0-p); 10~50~10Hz each axis
Humidity	95% ~ 100% RH
Weatherproof	100% Weatherproof