

ZAU-SA-300

Dual filtered GPS 1575.42MHz

The ZAU-SA-300 dual filtered GPS antenna is perfect for fixed position timing or Automatic Vehicle Location (A.V.L.) applications, all within a low profile, fully water-proof design.

Patch leads, adaptors, water-proofing and other installation accessories are all available separately.

Specifications	ZAU-SA-300
Construction	White PVC radome with chrome base
Frequency range	GPS 1575.42MHz
Bandwidth	+/- 1.023MHz
Gain	+5 dB typically at zenith
Polarisation	Right-hand circular
Noise figure	2.0 dB maximum
VSWR	<1.5:1 maximum
Impedance	50 Ohms
Power requirements	4.5-5.5V DC
Power consumption	27mA@4.5V, 0.12W typical
Filtering	30dB minimum @ Fo+/-50MHz
Connector	TNC female fitted as standard - or specify requirements
Dimensions	114mm Diameter x 163mm tall
Weight	220grams
Operating temperature	-30°C to +85°C
Storage temperature	-40°C to +90°C
Waterproof rating	IP66
Mounting	Chrome plated mount with connector access hole. Use the 3 x mount hole to securely mount the base. Attach your cable then screw the antenna onto the base. Finally route cable to GPS device
Mounting position (recommended)	Mount as high on your vehicle, vessel or structure as possible using the supplied mounting hardware, ensuring no obstructions around or above the antenna

