



AR-10N GPS Antenna



The AR-10N is a premium quality magnetic mount GPS antenna featuring a +28 dB LNA, dual bandpass filters, protection from input RF overload, and double-shielded cable, ensuring outstanding performance in challenging RF environments.

RoHS Compliant

General	Design features	2 stage LNA 2 stage bandpass filter 10 watt input RF protection Low noise, low drop-out linear regulator Double shielded coax cable
Performance	Frequency Polarization LNA Gain Bandwidth Filtering Output Impedance VSWR Over-all noise figure	L1 Band (1575.42 MHz) Right hand circular +28dB typical, less cable 10 MHz -35dB @ +/-50MHz from fo 50 ohms 1.5 typical 1.8dB typical
Electrical	Power Input Current draw Over-Current	+2.75 to +12Vdc with reverse polarity protection 11mA typical, 13mA max Thermal over-current shutdown >+150°C
Physical	Dimensions Mount Construction Coax Cable	44mm x 34mm x12mm Magnetic Aluminum base, black polycarbonate radome Double shielded RG-174 equiv., 5m, low loss 0.7dB/m
Environmental	Operating Temperature Storage Temperature	-30°C to + 85°C -40°C to +90°C

Standard Models	10001797G	BNC plug, nickel, 5m cable
	10001798G	Right angle MMCX plug, gold, 5m cable
	10001799G	SMA plug, gold, 5m cable

Other configurations available. Contact Synergy Systems for custom configuration assistance.

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