

Super-Radiator

Indoor GPS Re-radiating System



Features

- Re-radiating distance of approximately 10m
- Independent power source
- Multiple users can share one signal
- Re-transmits GPS signals to an otherwise unreachable location

The Super-Radiator GPS system is a complete external hard mount high gain GPS antenna and indoor re-radiating passive Helix type antenna. Simply affix the permanent screw mount GPS antenna outside, attach the smaller re-radiating antenna indoors with either screw mount or the included suction cups and plug it into the included 40 meter signal cable. The included reverse protected regulator AC adapter powers both units. GPS signals can now be received 5 to 10 meters from the re-radiating antenna - This allows GPS devices to be used inside virtually any enclosed area.

Warning: Be sure the re-radiating antenna does not have a line of sight to the GPS antenna as this can cause a feedback loop.

External Antenna Specifications

T _A :	25°C
Frequency:	L1 band 1]0].575GHz
Bandwidth:	50MHz
Amp Gain:	28dB
Noise Figure:	1.3dB
Output SWR:	2.0:1
DC Input:	4.5V to 5.5V DC

Re-Radiating Antenna Specifications

T _A :	25°C
Frequency:	L1 Band 1.575GHz
Bandwidth:	20MHz
Impedance:	50ohm
Gain:	30dB
Noise Figure:	2.0dB
Output SWR:	1.6:1
Element:	Helix type
Polarization:	RHCP
RF Out - at	
1dB Gain Compression:	-2.0dBm
DC Input:	6V to 30V DC
Power Consumption:	55mA

Ordering Information

Part Number

■ Super-Radiator

Description

■ Re-Radiating Hard Mount GPS Antenna



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