

RADIALL/LARSEN'S TRI-BAND GPS ANTENNAS

Due to its strength in GPS antenna development, Radiall/Larsen is the current supplier of GM Onstar antennas. Our GPS development competency leverages dual band and tri-band technology that enables continuous GPS signal reception when the co-located communications antennas are transmitting. All tri-band GPS antennas can work on either 3 VDC or 5 VDC.



Roof Mount Tri-Band GPS Antenna

P/N	Frequency	Gain	VSWR	Voltage
GPSCWCP00	Cell 824-894 MHz	2 dBi	< 2:1	3 VDC or
	PCS 1850-1990 MHz	2 dBi	< 2:1	5 VDC
	GPS 1575.42 MHz	22 ± 2 dB LNA	< 2:1	
Antenna 4.5 dBic Peak				
Mounting		Dimensions	Coax	Connector
Direct Feed ¼" hole		3.9" L / 2.3" W / 3.2" D	Cell/PCS 16'1" RG-174 GPS 16'1" RG-174	TNC SMA



Interior Glass Mount Tri-Band GPS Antenna

P/N	Frequency	Gain	VSWR	Voltage
GPSCPGM00	Cell 824-895 MHz	2 dBi	< 2:1	3 VDC or
	PCS 1850-1990 MHz	2 dBi	< 2:1	5 VDC
	GPS 1575.42 MHz	22 ± 2 dB LNA	< 2:1	
Antenna 4.5 dBic Peak				
Mounting		Dimensions	Coax	Connector
Double Sided Tape		2.9" L / 1.8" W / 0.7" D	Cell/PCS 16'1" RG-174 GPS 16'1" RG-174	TNC SMA



Exterior Mount Tri-Band GPS Antenna

P/N	Frequency	Gain	VSWR	Voltage
GPSCP00	Cell 824-894 MHz	2 dBi	< 2:1	3 VDC or
	PCS 1850-1990 MHz	2 dBi	< 2:1	5 VDC
	GPS 1575.42 MHz	22 ± 2 dB LNA	< 2:1	
Antenna 4.5 dBic Peak				
Mounting		Dimensions	Coax	Connector
Direct Feed ¼" hole		7.6" L / 3.4" W / 1.3" D	Cell/PCS 16'1" RG-174 GPS 16'1" RG-174	TNC SMA



Interior Mount Tri-Band GPS Antenna

P/N	Frequency	Gain (LNA)	VSWR	Voltage
GPSCPC00	Cell 824-894 MHz	2 dBi	< 2:1	3 VDC or
	PCS 1850-1990 MHz	2 dBi	< 2:1	5 VDC
	GPS 1575.42 MHz	22 ± 2 dB LNA	< 2:1	
Antenna 4.5 dBic Peak				
Mounting		Dimensions	Coax	Connector
3M® VHB Adhesive		6.1" L / 3.5" W / 0.8" D	Cell/PCS 16'1" RG-58 GPS 16'1" RG-174	TNC SMA