Laird™

Smart Technology. Delivered.™



GPST821/18503P

Laird GPS/Telematics antennas provide low profile, high performance and cost effective mobile communication solutions

Laird GPS/Telematics antennas are low profile, high performance and cost-effective solutions for your mobile communications needs. Available in combinations that cover all primary cellular frequencies plus GPS and Satellite Radio, Laird Technologies GPS/Telematic antennas feature small form factors allowing easy installation virtually anywhere inside or outside a vehicle. Phantom AVL/GPS antennas are currently utilized by ocean bound freighters monitoring temperature and data while withstanding extreme temperatures, salt water and vibration.

With integrated research, tooling, molding, assembly and accelerated life testing facilities around the world, Laird Technologies' engineers will quickly and efficiently create solutions to a multitude of wireless challenges.

Low profile multi-band GPS GPST821/18503P

- Patented field diversity Phantom® technology ensures uninterrupted voice and data transmissions in urban canyons and rural drop off areas
- 27 dB active GPS patch with high sensitivity for accurate timing and locating
- Low profile design prevents tampering and is visually pleasing

Model	Description	Center Freq	Gain	Overall Height	Radio/GPS Connector	Coax Type
Dual-Band GPS AVL						
GPSD4503P	Standard AVL w/Phantom*	450 - 470 MHz	3 dB-MEG	3.5″	TNC/SMB	RG58
GPSD7463P	Low Profile AVL w/Phantom*	746 - 786 MHz	3 dB-MEG	1.25″	TNC/SMB	RG58
GPSD8063P	Low Profile AVL w/Phantom*	806 - 866 MHz	3 dB-MEG	1.25″	TNC/SMB	RG58
GPSD8063EP	As above w/ext. 1″ mounting nut	806 - 866 MHz	3 dB-MEG	1.25″	TNC/SMB	RG58
GPSD8213P	Low Profile AVL w/Phantom*	821 - 896 MHz	3 dB-MEG	1.25″	TNC/SMB	RG58
GPSD8903P	Low Profile AVL w/Phantom*	890 - 960 MHz	3 dB-MEG	1.25″	TNC/SMB	RG58
GPSD9023P	Low Profile AVL w/Phantom*	902 - 928 MHz	3 dB-MEG	1.25″	TNC/SMB	RG58
Tri-Band Low Profile GPS AVL						
GPST821/18503P	Cell/PCS/GPS Low Profile*	821-896 MHz/ 1850-1990 MHz	3 dB-MEG	1.25″	TNC/SMB	RG174
KIT1171-120	Cell/PCS/GPS Low Profile* Adhesive mount	821-896 MHz/ 1850-1990 MHz	3 dB-MEG	1.25″	SMA/SMB	RG174

Other connector options available





KIT1171-120

Adhesive mount option available on Low Profile GPS Antennas