



FAA Approved Facility

Dual RHCP/LHCP L1/L2 GPS Antenna, P/N: 1.2G1215P2-8NSSF-4

1.2" Square, Flat Mount Configuration

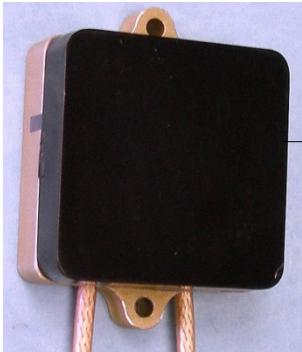
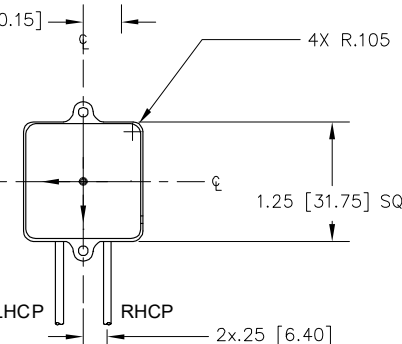
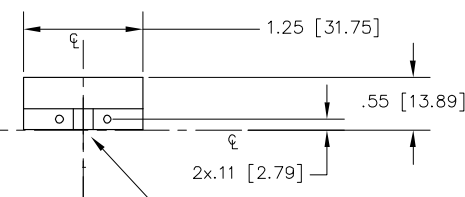
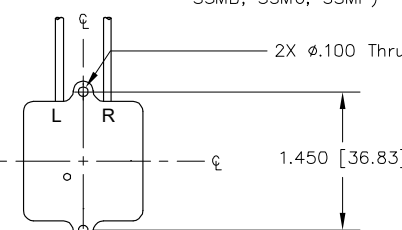
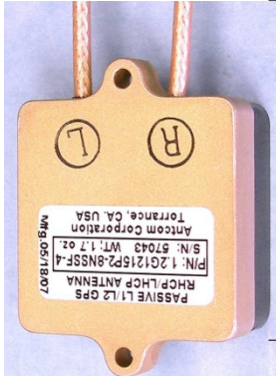
"-PL-" or "-AL-" for Limiter Options for High Power Pulse Protection



ANTCOM CORPORATION . 367 Van Ness Way, Suite 602 . Torrance, CA 90501 . Tel: (310) 782-1076 . Fax: (310) 782-1086 . E-mail: antennas@antcom.com . http://www.antcom.com

Wide Band GNSS Option Is Available

Antenna Mounts: <http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf>
 Amplifiers/Power Divider/Combiner/Filters: <http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts1.pdf>

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								FREQUENCY: L1: (1575.42 ± 12) MHz L2: (1227.60 ± 12) MHz RADIATION PATTERN: HEMISPHERICAL POLARIZATION: DUAL RHCP/LHCP VSWR: < 1.5:1 IMPEDANCE: 50 ohms ANTENNA GAIN (dBic): Free Space 3 in G.P. Free Space 3 in G.P. @ 90° (ZENITH): -0.8 +3.8 -3.7 +2.7 @ 10° Elevation: -9.3 -4.3 -9.9 -6.3 @ 20° Elevation: -6.8 -2.2 -9.2 -4.2 @ 30° Elevation: -5.2 -0.7 -7.8 -2.4 @ 60 - 90° Elevation: > -2.1 > 2.5 > -4.7 > 1.3 BEAM WIDTH (3dB): 100 Deg. 120 Deg. 100 Deg. 90 Deg. AXIAL RATIO: 2.5 dB 3 LIGHTNING PROTECTION: DC GROUNDING																																																																																																																																																																																																																																																																																																																																										
		1.25 [31.75] SQ. 2x.25 [6.40] 1.25 [31.75] .55 [13.89] 2x.11 [2.79]		4X R.105 LHCP RHCP 2X Ø.100 Thru.		OUTPUT PORT CAN BE FROM THE BOTTOM (PIN, MMCX, MCX, SMA R-SMA, S SMA, SMB SSMB, SSMC, SSMP)		LNA OPTION:				LNA GAIN: 24.0 dB LNA NOISE FIGURE: 1.8 dB LNA P 1dB Out: +16 dBm VOLTAGE/CURRENT: (+2.8 TO +28) Volts DC / (15 TO 25) mA																																																																																																																																																																																																																																																																																																																																						
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1.450 [36.83]		1.250 in. [31.75 mm] SQ. HEIGHT: 0.547 in. [13.89 mm]		WEIGHT: 1.1 oz. (31.2 g)		FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL BASE IRIDITE PER MIL-C-5441		ENVIRONMENTAL: TEMPERATURE: -67 °F TO +185 °F [-55 °C TO +85 °C] ALTITUDE: 70,000 ft. VIBRATION: > 30 G's LEAKAGE: HERMETICALLY SEAL																																																																																																																																																																																																																																																																																																																																										
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