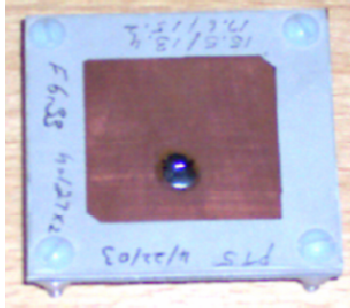


## Dual-band Compact GPS Antenna

(GPS-DBAN-L1L2-03)



### DESCRIPTION

CRS Dual-band GPS antenna is capable of operating at two GPS bands ( $L_1$  - 1575.42 MHz and  $L_2$  - 1227.60 MHz) with improved performances in terms of bandwidth, axial ratio, cross-pol rejection level and multipath rejection characteristic.

### INTRODUCTION

- Covers two GPS band ( $L_1$  and  $L_2$ )
- Compact size (40 mm' 40 mm' 2.5mm)
- Stable phase center for all operating frequencies ( $L_1/L_2$ )
- Capable of operating in harsh environments

### ELECTRICAL CHARACTERISTIC

- Center Frequency: 1575.42 MHz ( $L_1$ ), 1227.60 MHz ( $L_2$ )
- Bandwidth: 20 MHz
- Polarization: RHCP
- Axial Ratio: 3 dBi Max.
- Impedance: 50 Ohm
- Gain: 3 dBi Typ.