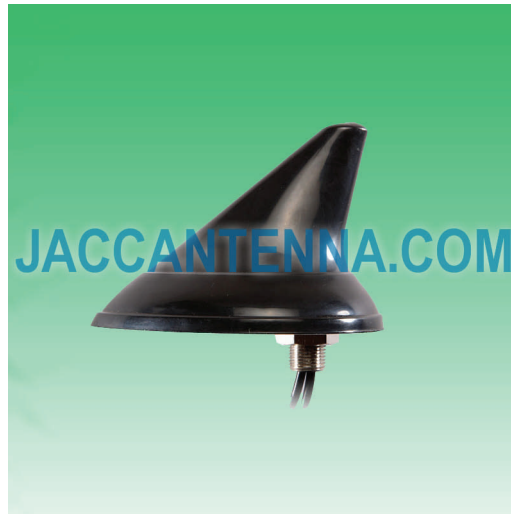


## JACC-GPS+GSM+FM-A GPS + GSM + FM "Sharkfin" Screw Combo Antenna



|                             |                                          |
|-----------------------------|------------------------------------------|
| Antenna Model No.           | JACC-GPS+GSM+FM-A                        |
|                             | <b>GPS</b>                               |
| Frequency Range             | 1575.42 ± 3 MHz                          |
| Bandwidth                   | ± 5 MHz                                  |
| Gain                        | 3 dBic                                   |
| VSWR                        | ≤ 1.5                                    |
| Nominal Impedance           | 50 Ohms                                  |
| Polarization                | RHCP                                     |
| LNA Gain                    | 28 ± 2 dB                                |
| Noise Figure                | 1.5 dB                                   |
| Filter Out Band Attenuation | 12 dB Min f0+50MHz<br>16 dB Min f0-50MHz |
| DC Voltage                  | 2.2 ~ 5 Volts                            |
| DC Current                  | 5 ~ 15 mA                                |
|                             | <b>GSM</b>                               |
| Frequency Range             | 824-960 / 1710-1990 MHz                  |
| VSWR                        | ≤ 2.0                                    |
| Gain                        | 2 dBi                                    |
| Nominal Impedance           | 50 Ohms                                  |
|                             | <b>FM</b>                                |
| Frequency Range             | 525-1605 kHz / 88-108 MHz                |
| VSWR                        | ≤ 2.0                                    |
| Gain                        | 20 / 12 dBi                              |
| Nominal Impedance           | 50 Ohms                                  |
|                             | <b>Mechanical</b>                        |
| Connector                   | SMA / SMB / MCX / FME or others          |
| Dimensions                  | 3.6" x 2.4" x 2.4" / 91 x 62 x 62 mm     |
| Plastic Housing             | Black                                    |
| Mounting Method             | Screw                                    |

