

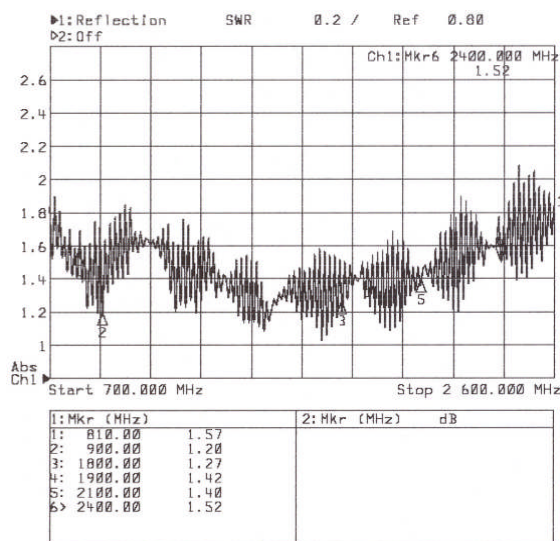
AEB670/L/FAKRA – GPS/GSM COMBINATION ANTENNA

GSM Dipole Patch Antenna – Vertical Polarisation

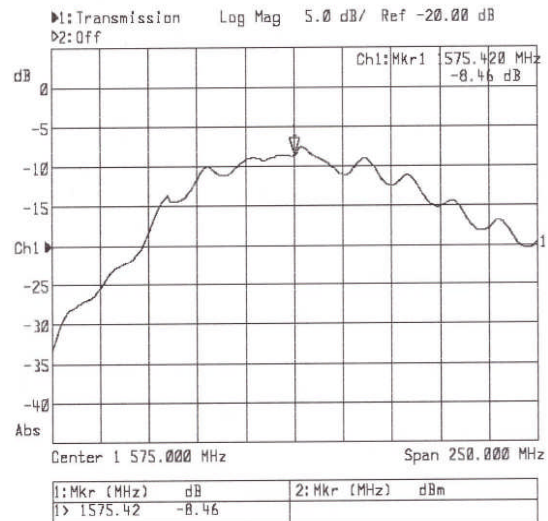
Frequency: GSM 850: 824 – 849MHz / 869 - 894MHz
 GSM 900: 880 – 915MHz / 925 – 960MHz
 GSM1800: 1710 - 1785MHz / 1805 – 1880MHz
 GSM1900: 1850 – 1910MHz / 1930 – 1990MHz
 Gain: 2.0dBi
 VSWR: Less than 2:1 in all bands
 Impedance: 50 Ohms

GPS Active Antenna with a tuned Ceramic Patch – Circular Polarisation

Frequency: 1575.42MHz
 LNA Gain: 26dB nominal
 Power Consumption 125mW (max.)
 Supply Voltage: 3V – 5.5V (5V nom.)
 Supply Current: 15mA – 25mA (18mA nom.)
 Impedance: 50Ω



VSWR 700MHz – 2600MHz



LOG MAG 1450MHz – 1600MHz

Physical Data

Gross Dimensions: 80.5mm x 74.5mm x 11.5mm Black ABS Plastic.
 Mounting: Body mount, 25mm x M10 threaded stud
 Double-sided adhesive pad 1.1mm thick
 Operating Temp: -40°C to +85°C
 Cable Length: GPS: 5m RG174 (-0mm, +100mm)
 GSM: 5m RG174 (-0mm, +100mm)

The above data is to be used as baseline information only. For a more detailed specification, application support or application approval samples, please contact our technical support help desk on +44(0) 2392 327 020. We reserve the right to modify the specifications without prior notice.

Connectors:

GPS: FAKRA(f) Code 'C' Blue

GSM: FAKRA(f) Code 'D' Bordeaux Violet

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