

# Cellular Quad-Band Antenna

Operating Frequency 824-970 MHz, 1710-2200MHz

Product code: DIPL-A0042



Poynting Antennas has developed a new high quality cellular Quad-band omnidirectional antenna. The design employs a new technology which ensures that the antenna performance is consistent in all the frequency bands (GSM 800 900MHz, 1800MHz to UMTS 2100MHz). The antenna is vertically polarized and has a gain differential of 1dB or less in all the bands.

This antenna can be used with laptop PCMCIA wireless interface cards, and can be clipped onto the back of the screen with the screen clip attachment. A docking base can be used when the antenna is connected to other GSM CPE devices.

## Features:

- Low profile antenna.
- Ground plane not required.
- Waterproof

**Specifications:**

**Product Code:**

DIPL-A0042	0.8 RG174 (Right Angle MC Option card connector) Bulk Packaging
DIPL-A0042-01	0.8 R174 (MS-151-C(LP) Novatel card connector) Bulk Packaging
DIPL-A0042-02	0.8 R174 (Huawei Card connector) Bulk Packaging
DIPL-A0042-03	0.8 RG174 (Right Angle MC Option card connector) Single unit packaging
DIPL-A0042-04	0.8 R174 (Huawei Card connector) Single unit packaging
DIPL-A0042-05	0.8 R174 (MS-151-C(LP) Novatel card connector) Single unit packaging

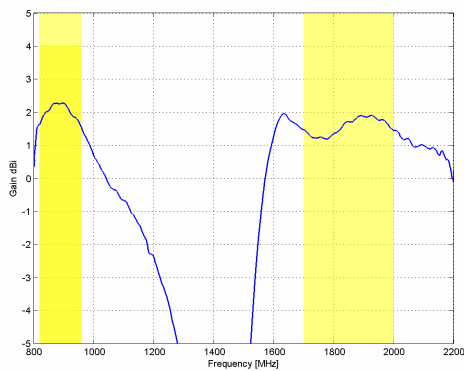
**Electrical:**

Gain (max over Band) excluding cable loss	2 dBi (+-0.5 dB)
Gain (min over the band) excluding cable loss	0 dBi (+-0.5 dB)
Frequency Band	824-894, 880-960, 1710-1880, 1950-2170 MHz
VSWR	< 3:1
Feed power handling	10 W
Nominal input impedance	50 Ohm
Polarisation	Linear

**Mechanical:**

Dimensions (l x w) Without attachment	160 mm x 20mm
Weight	55 g

**Gain**



**VSWR**

