

Cellular Quad-Band Antenna

Operating Frequency: 824 - 970 MHz, 1710 - 2200 MHz

Product code: DIPL-A0042



Poynting Antennas has developed a new high quality cellular Quad-band omni-directional antenna. The antenna design employs a new technology which ensures that the antenna performance is consistent in all the frequency bands (GSM 900, GSM 1800, UMTS 2100). 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

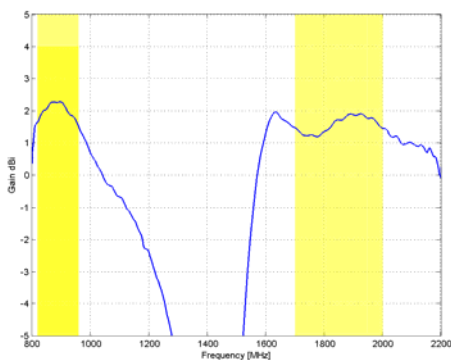
Specifications

Product code:	Description:
DIPL-A0042	0.8 m RG174 with RA MC Option card connector Bulk packaging
DIPL-A0042-01	0.8 m RG174 with MS-151-C(LP) Novatel card connector Bulk packaging
DIPL-A0042-02	0.8 m RG174 with Huawei card connector Bulk packaging
DIPL-A0042-03	0.8 m RG174 with RA MC Option card connector Single unit packaging
DIPL-A0042-04	0.8 m RG174 with Huawei card connector Single unit packaging
DIPL-A0042-05	0.8 m RG174 with MS-151-C(LP) Novatel card connector Single unit packaging

Electrical:	
Gain (max over the band) excl. cable loss	2 dBi (± 0.5 dB)
Gain (min over the band) excl. cable loss	0 dBi (± 0.5 dB)
Frequency band	824 – 970 MHz and 1710 - 2200 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 20 mm
Weight	55 g

Gain



VSWR

