

Item no.: A-LPDA-0092

Poynting A-LPDA-0092 - LPDA-92 High Gain All-Band Cellular Antenna, UMTS 2.1/LTE

118,18 EUR

Item no.: A-LPDA-0092
shipping weight: 0.10 kg
Manufacturer: Poynting



Product Description

This high gain broadband directional antenna covers all international mobile, cellular and wireless data bands, including GSM 900/GSM1800/UMTS/LTE bands. It also covers the extended cellular and WiMAX bands such as the "Digital Dividend bands" in Europe/USA and the licensed and unlicensed data bands from 2.3 to 2.7 GHz. Its configuration is suitable for various wireless communication systems. This antenna is unique in its combination of ultra-wideband operation and constant high gain performance. It has been successfully used in extreme weather conditions in Africa and Europe with virtually no failures. An absolute favourite in all areas where operators face signal problems. It is ideal for any application utilising the GSM network (LTE/HSPA/3G/EDGE/GPRS).

Electronic specifications- Frequency bands: 698 - 960 MHz, 1710 - 2700 MHz, 3400 - 3800 MHz- Gain (maximum): 10.8 dBi at 698-960 MHz, 11 dBi at 1710-2700 MHz, 2.3 dBi at 3400-3800 MHz- VSWR: <1.5:1 over 95% of bands- Input power: 10 W- Input impedance: 50 Ohm (nominal)- Polarisation: Directional linear- Coaxial cable loss: 0.385 dB/m at 900 MHz; 0.565 dB/m at 1800 MHz; 0.666 dB/m at 2400 MHz; 0.788 dB/m at 3000 MHz- DC short circuit protection: YesPackage contents- Antenna: A-LPDA-0092- Mounting bracket: Econo brackets, U-bolts and mounting hardware suitable for mast mountingMechanical specifications- Plastic material: Nylon 6- Plastic colour: Black- Frame material: Passivated ADC12- Frame colour: Aluminium grey- Mounting type: Pole mountingEnvironmental specifications, certifications and approvals- Wind resistance: ?160 km/h- Temperature range (operating): -40°C to +70°C- Ambient conditions: Outdoor/indoor- Protection type/standard against water ingress: IP 65- Salt spray: MIL-STD 810F/ASTM B117- Relative humidity (operating): Up to 98%- Storage humidity: 5% to 95% - non-condensing- Storage temperature: -40°C to +70°C- Flammability class of the housing: UL 94-HB- Impact resistance: 1K 08- Product safety & environment: Complies with CE and RoHS standards

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

