

Key Features

- Compact size: 76 x 25 x 1.7mm
- Flexible connector and cable options
- Wide frequency range: 800MHz - 2.4GHz
- Ground plane independent
- RoHS compliant

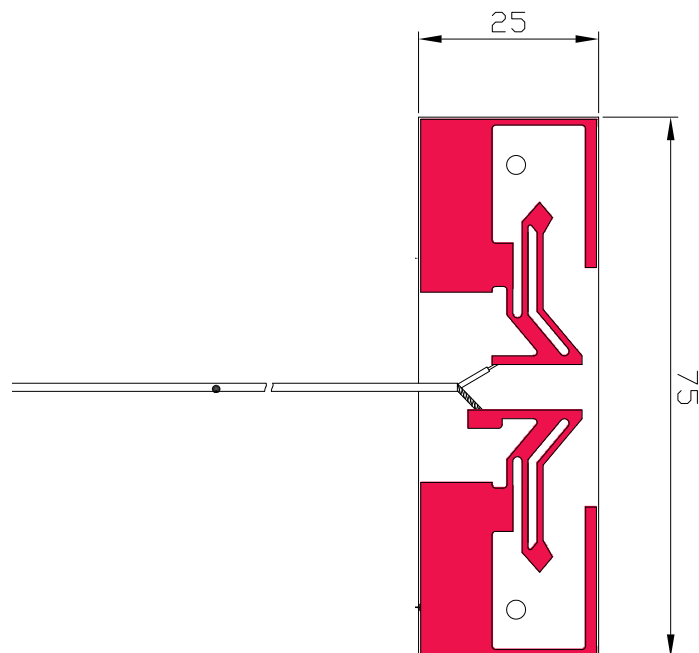
General Description

Siretta multipurpose PCB antennas are based on an efficiently tuned element, matched with a wide variety of RF & M2M modules operating on Cellular, 868 and 2.4GHz ISM band frequencies. It is designed for embedded applications.

Proven in many applications where space is at a premium, Echo 2 is a complete 1/4 wave dipole and therefore ground plane independent. It is a compact PCB antenna and a good all round performer making it a popular choice where a small size combined with efficient performance is critical. Wide ranging connector and cable options also makes it a viable antenna where a quick design in and fast time to market is important.

Additional Considerations

- Easy selection makes antenna suitable for many modules
- Operates on worldwide GSM / GPRS networks, plus many LTE frequencies, WiFi + Bluetooth and can be used for 868MHz ISM band



Key Specifications - Electrical

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|------------------------------|--|
| Operating temperature range: | -30 to +70°C |
| Impedance: | 50 ohm |
| Gain: | 2dBi |
| VSWR: | 2:1 |
| Operating frequencies: | GSM / GPRS - 850, 900, MHz 1.8, 1.9 GHz 3G - 1.9, 2.1GHz 4G - 900, 1.8GHz ISM - 868MHz, 2.4GHz |
| Polarization: | Vertical |
| Radiating element: | ¼ wave dipole |

Key Specifications - Mechanical

| | |
|------------------|--|
| Dimensions: | 75mm x 25mm x 1.7mm (without cable) |
| Mounting method: | Adhesive or screw mount for internal use |

VSWR Test Report

