



Echo 35

2G/3G/4G SMALL PCB EMBEDDED ANTENNA



Key Features

- Wide Bandwidth Antenna
- Peak Gain 2dBi
- Designed for embedded applications

General Description

The Echo 35 is a embedded wideband PCB antenna with a good peak gain performance.

The wideband allows for a migration plan from one technology to another; 2G to 3G to 4G, or simply the choice to select a technology depending on usage.

Typically supplied with a uFL/ IPEX connector and a short tail of cable. Alternative cable lengths and connectors can be supplied for volume requirements.

Additional Considerations

- Small format design for applications with limited space
- Meets all EU compliance criteria for electronic goods





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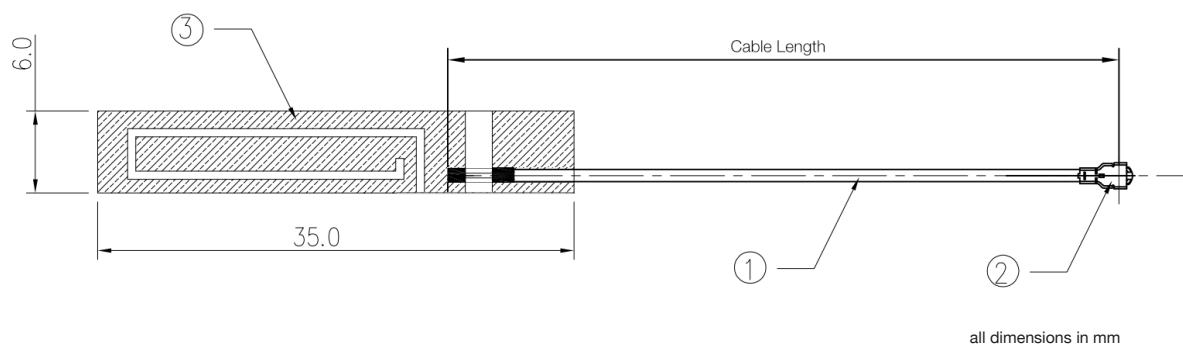
Key Specifications - Electrical

Temperature range:	-30° to +75°C
Peak Gain:	2 dBi
VSWR:	2.0:1
Impedance:	50 Ohms
Frequency Bands:	690 - 960 MHz 1710 - 2700 MHz
Polarization:	Linear
Ground Plane Independent:	No
Max Input Power:	10W

Key Specifications - Mechanical

Dimensions:	35mm x 6mm x 0.5mm (without cable and connector)
Weight:	3g
Cable:	100mm x 1.13mm coax
Connector:	UFL/IPEX
Mounting method:	Designed for embedded use

Dimension Drawing

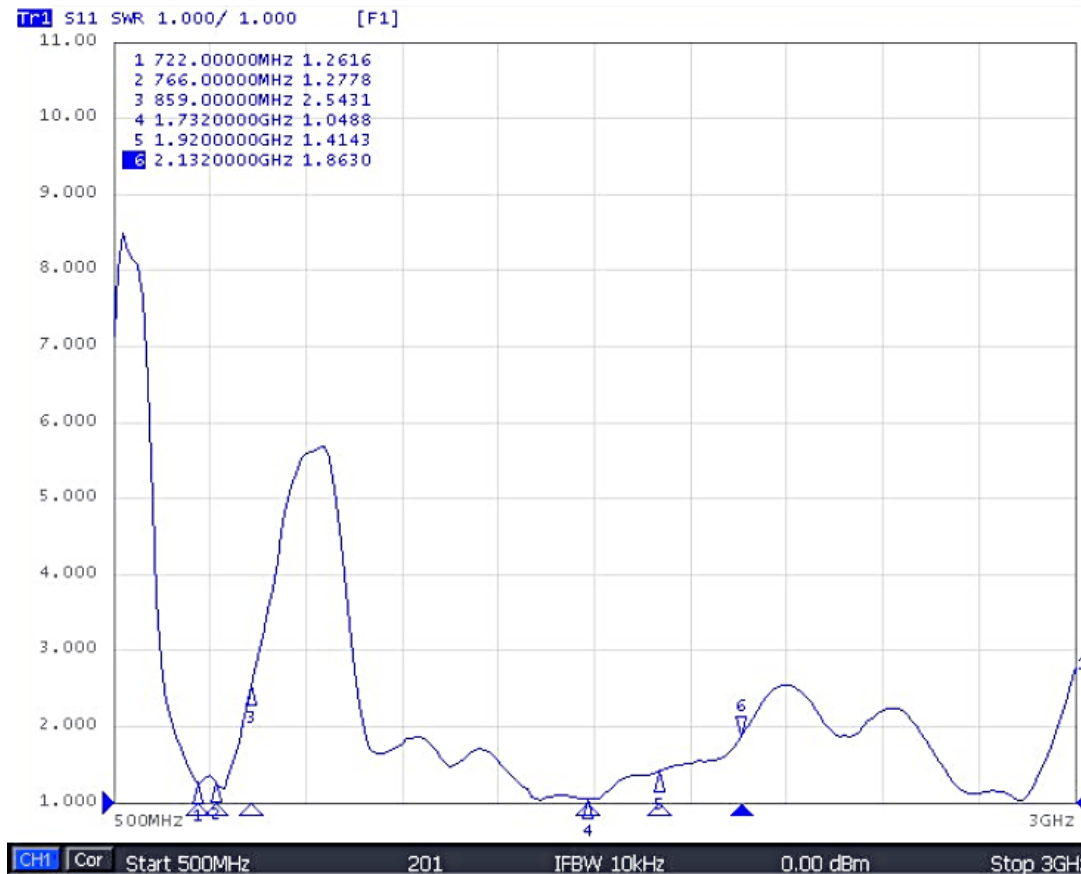




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VSWR





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Return Loss

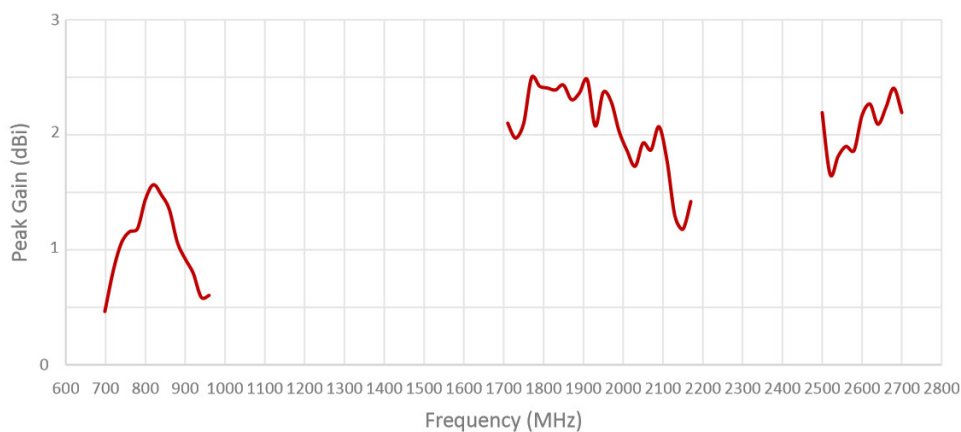
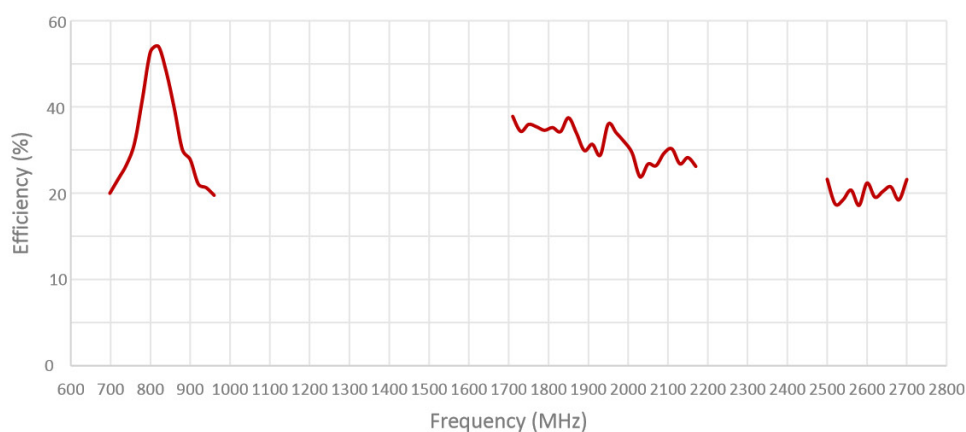




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Gain and Efficiency



Ordering Details

Part Number	Description
ECHO35/0.1M/IPEX/S/S/17	2G/3G/4G SMALL PCB EMBEDDED ANTENNA IPEX 100mm CABLE

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siretta:

[ECHO35/0.1M/IPEX/S/S/17](#)