



Echo 41

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

Key Features

- Wide Bandwidth Antenna
- Peak Gain 4dBi
- Designed for embedded applications



General Description

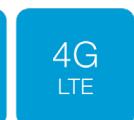
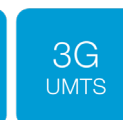
The Echo 41 is an embedded wideband PCB antenna with a good peak gain performance.

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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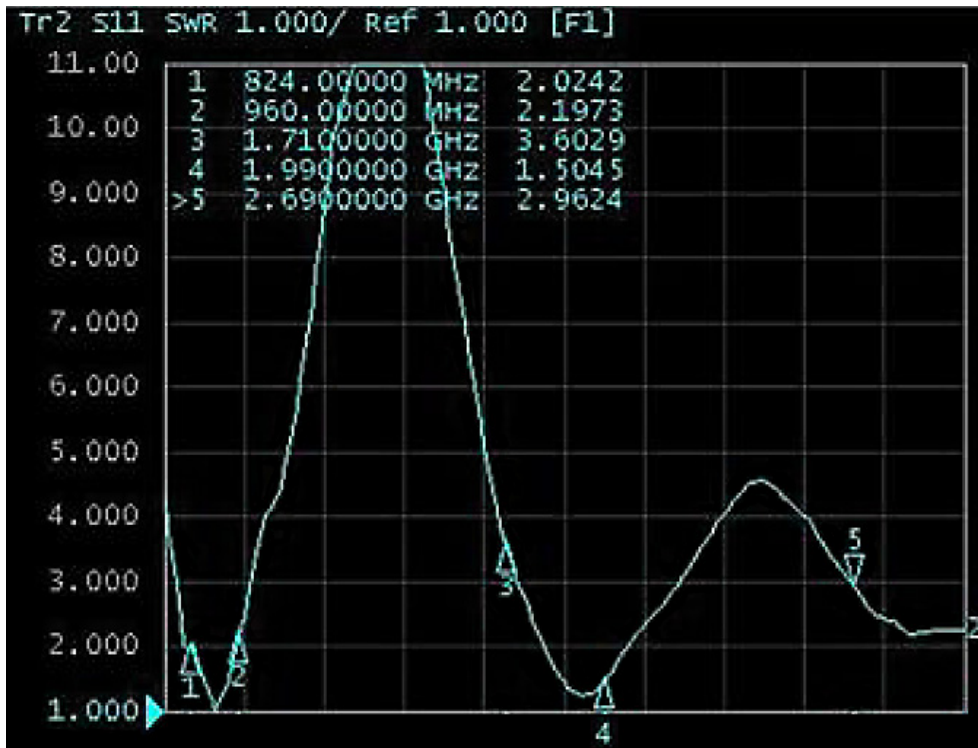
Key Specifications - Electrical

Temperature range:	-30° to +75°C
Peak Gain:	2 dBi
VSWR:	< 2.7:1
Impedance:	50 Ohms
Frequency Bands:	690 - 960 MHz 1710 - 2170 MHz 2500 - 2700 MHz
Polarization:	Linear

Key Specifications - Mechanical

Dimensions:	80 mm x 22mm x 0.3mm (without cable and connector)
Cable:	100mm x 1.13mm coax
Connector:	UFL/IPEX
Mounting method:	Designed for embedded use

VSWR





Smith Chart



Ordering Details

Part Number	Description
ECHO41/0.1M/IPEX/S/S/17	2G/3G/4G EMBEDDED SMALL FPC ANTENNA 100mm CABLE IPEX CONNECTOR