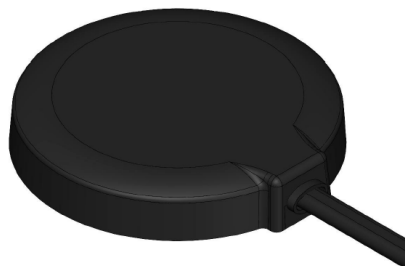




Mike 17B

2G/3G/4G MIMO & GPS/GLONASS MAGMOUNT PUCK ANTENNA



Key Features

- Magnetic mount
- MIMO 2G GSM/GPRS, 3G UMTS & 4G LTE
- 2dBi Peak Gain

General Description

The Mike 17B magnetic mount antenna has 2 cellular (MIMO) and a GPS antenna built in. Covering 2G, 3G and 4G cellular frequencies along with standard GPS coverage.

Typical applications for this antenna are mobile vehicle tracking and data logging where a secondary cellular connection is required.

Typically supplied with FAKRA connectors for the automotive industry but can be fitted with other connectors and variable cable lengths for short run volume orders.

Additional Considerations

- 28dB GPS LNA Gain
- Meets all EU compliance criteria for electronic goods



Mike 17B

2G/3G/4G MIMO & GPS/GLONASS MAGMOUNT PUCK ANTENNA

Cellular Electrical Specifications

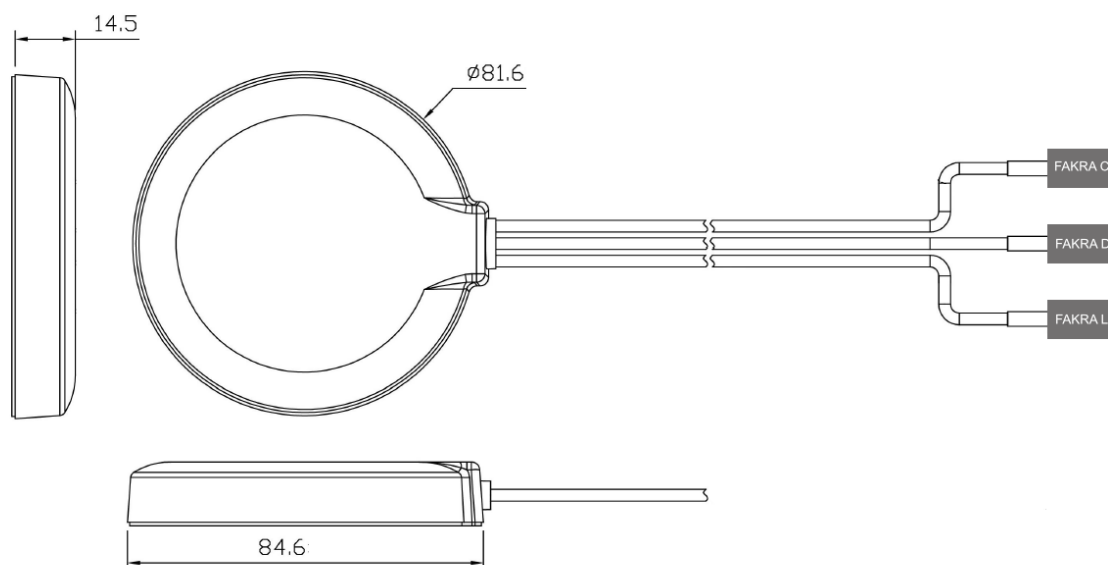
Temperature Range:	-40 - +85°C
Impedance:	50 Ohm
Peak Gain:	2dBi
VSWR:	≤3.0
Operating Frequency:	698-960, 1710-2690MHz
Polarization:	Linear

Mechanical Specifications

Dimensions:	81.6Ø x H14.5mm
Cable:	RG174
Connector:	FAKRA
Mounting Method:	Magnetic
Main Material:	ABS

GPS Electrical Specifications

Center Frequency:	1575.42 MHz
Bandwidth:	CF +/- 3MHz
Polarization:	RHCP
VSWR:	≤2.0
LNA Gain:	28 +/- 2dB
Supply Voltage:	3~5V DC
Current Consumption	5~15mA





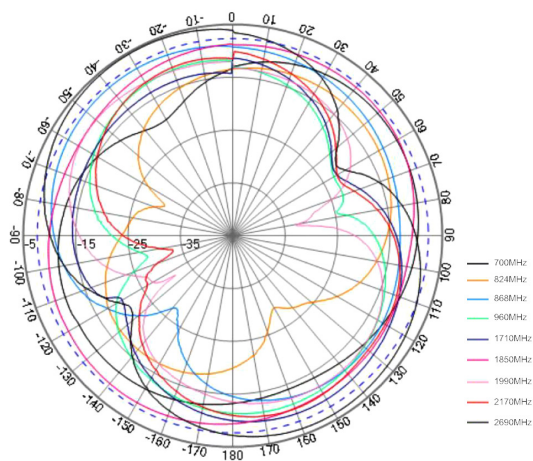


Mike 17B

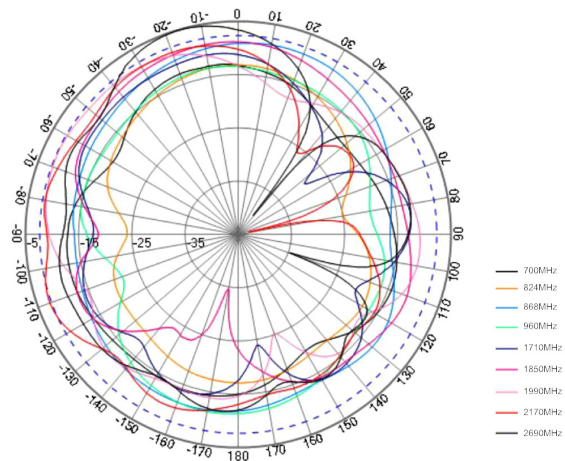
2G/3G/4G MIMO & GPS/GLONASS MAGMOUNT PUCK ANTENNA

Cellular Radiation Plots: Auxillary Antenna

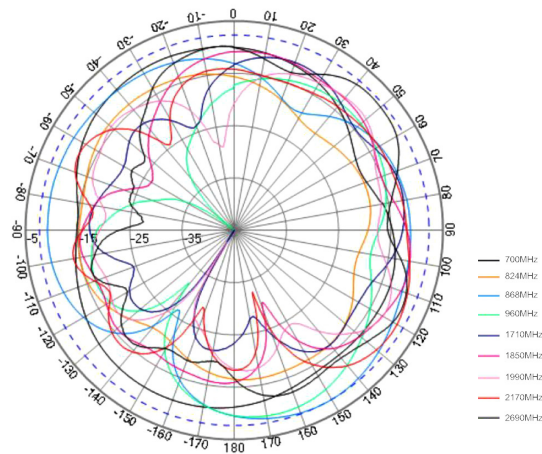
XY Plane



XZ Plane

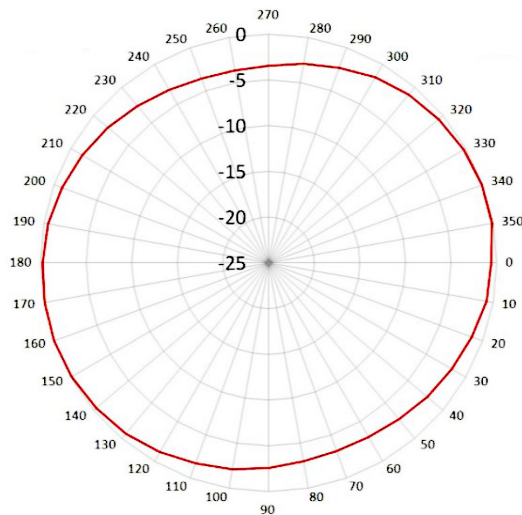


YZ Plane

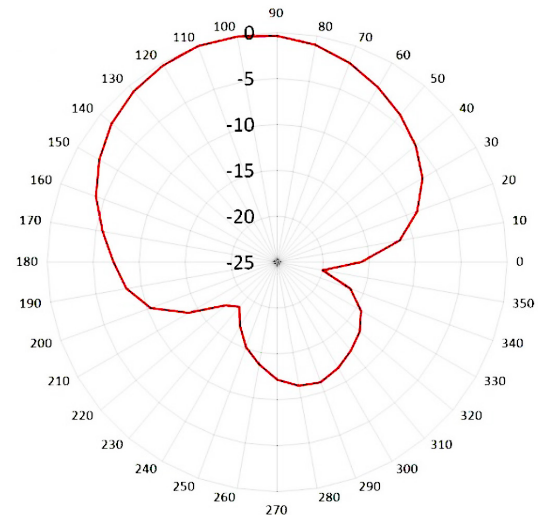


GPS Radiation Plots

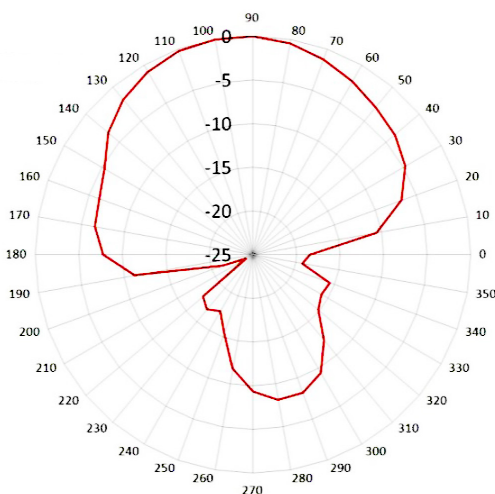
XY Plane



XZ Plane



YZ Plane



Ordering Details

Part Number	Description
MIKE17B/3M/FAKC/FAKD/FAKL/S/S/26	2G/3G/4G MIMO & GPS/GLONASS MAGMOUNT PUCK ANTENNA FAKRA C/D/L CONNECTORS 3M CABLES