

## General Description

The wall mounted antennas are designed to offer high performance in an omni directional pattern when operating on GSM/GPRS networks as well as at 3G frequencies.

Ruggedly constructed with Black ABS plastic over the radiating element and with a lightweight yet durable aluminium mounting bracket, the ANTA2500F0200BA3 is designed for outdoor use to improve cellular signal strength reception and to provide an excellent quality product for critical applications such as base stations or remote monitoring.

With a gain of up to 3.5dBi, this antenna is supplied with 5 metres cable allowing routing and maximum elevation to increase line of site communications. The standard product is terminated with an FME female with other options available on request.



Features	Benefits
External Mount	Rugged construction and mounting bracket allows installation in outdoor applications.
Penta Band	Operates on all 4 GSM/GPRS networks and 3G.
5 Metre Low Loss Cable	Extended cable to allow maximum flexibility when installing.
Ground Plane independent	Dipole design negates need for ground plane.
RoHS compliant	Meets all EU compliance criteria for electronic goods.

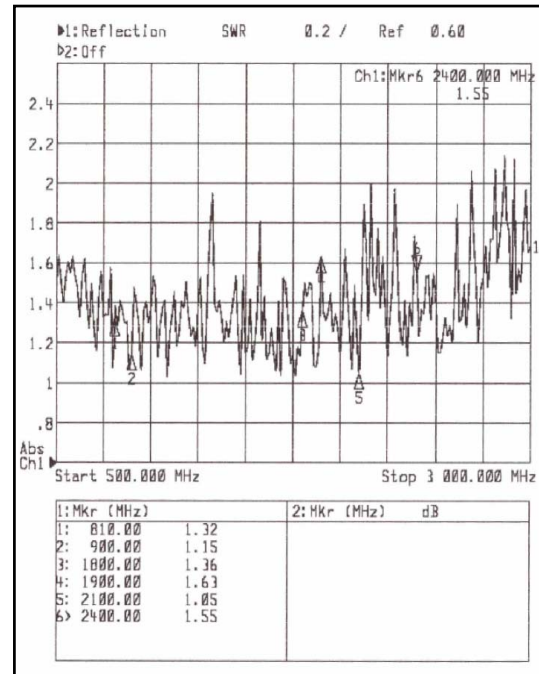
## Key Specifications – Mechanical

<b>Dimensions:</b>	380mm x 36mm x 145mm
<b>Cable:</b>	RG58
<b>Connector:</b>	FME female
<b>Mounting method:</b>	Wall mounted bracket

## Key Specifications - Electrical

<b>Temperature Range:</b>	-40 to +85°C
<b>Operating Frequencies:</b>	825 – 960MHz – 2dBi 1710 – 1880MHz – 3dBi 1850 – 1990MHz – 3.5dBi 2.1GHz – 3.5dBi
<b>Radiating element:</b>	dipole
<b>Polarization:</b>	vertical
<b>Impedance (ohm)</b>	50
<b>VSWR:</b>	Less than 2.1
<b>Voltage and supply current:</b>	N/A

## VSWR Rating Chart



Specification/Description	Part Number
GSM Penta Band Antenna with 5m cable and SMA male	ANTA2500A0200BA3
GSM Penta Band Antenna with 5m cable and FME female	ANTA2500F0200BA3