

# Antenna Dimension Changes

## Summary

Please note the following information update on the Trimble range of packaged magnetic mount antennas and the unpackaged ultra compact antenna.

## Background

In May 2008 Trimble made available a replacement range of antennas as described in the table below.

### 3V Antennas

Connector Type	Gain (dB)	Description	Cable Length	Packaged	Old Part #	New Part #
MCX	27	Miniature Magnetic Mount GPS Antenna	5m	Yes	56237-50	66800-50
SMA	27	Miniature Magnetic Mount GPS Antenna	5m	Yes	56237-52	66800-52
HFL	27	Ultra Compact GPS Antenna	85mm	No	57859-00	66801-00

### 5V Antennas

Connector Type	Gain (dB)	Description	Cable Length	Packaged	Old Part #	New Part #
SMB	27	Miniature Magnetic Mount GPS Antenna	5m	Yes	56237-00	66800-00
SMA	27	Miniature Magnetic Mount GPS Antenna	5m	Yes	56237-40	66800-40

## Information

Please note that both the old and new parts share the same electrical and performance specifications, but the physical dimensions of the antenna package changed as described in the chart below.

### Antenna dimension comparison chart\*

3V Antennas	Old Part #	X	Y	Z	New Part #	X	Y	Z
Mag Mount with MCX	56237-50	35.5 +/-0.5	30.4 +/-0.5	11.7 +/-0.5	66800-50	37.4 +/-0.5	34 +/-0.5	12.95 +/-0.5
Mag Mount with SMA	56237-52	35.5 +/-0.5	30.4 +/-0.5	11.7 +/-0.5	66800-52	37.4 +/-0.5	34 +/-0.5	12.95 +/-0.5
Unpackaged with HFL	57859-00	22 +/-0.5	21 +/-0.5	7.5 +/-0.5	66801-00	22 +/-0.5	21 +/-0.5	7.5 +/-0.5
5V Antennas	Old Part #	X	Y	Z	New Part #	X	Y	Z
Mag Mount with SMB	56237-00	35.5 +/-0.5	30.4 +/-0.5	11.7 +/-0.5	66800-00	37.4 +/-0.5	34 +/-0.5	12.95 +/-0.5
Mag Mount with SMA	56237-40	35.5 +/-0.5	30.4 +/-0.5	11.7 +/-0.5	66800-40	37.4 +/-0.5	34 +/-0.5	12.95 +/-0.5

\*All dimensions are in millimeters

All of the above parts are RoHS compliant.

Please call your local Trimble sales representative if you have questions.