

Specification

<u>1.1 Product Type</u>: Combination Antenna (L39 series) GPS (1575.42MHz) GSM (800/900/1800/1900/2100 MHz)

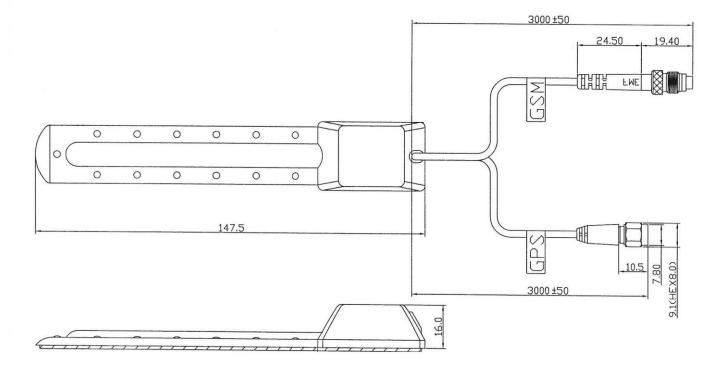
<u>1.2 Product's No</u>: GM-GPSGSML39-027

1.3 Product's Photo:





2.1 Technical Drawing:



GPS (1575.42 MHz)

Frequency	1575.42 MHz
Polarization	RHCP (Right Hand Circular Polarization)
Gain	30 dB
Noise figure	1.5 max
Attenuation	20 dB min. at F0 \pm 50MHz
Bandwidth	10 MHz
Impedance	50 Ω
Cable / Connector	RG174 with SMA M



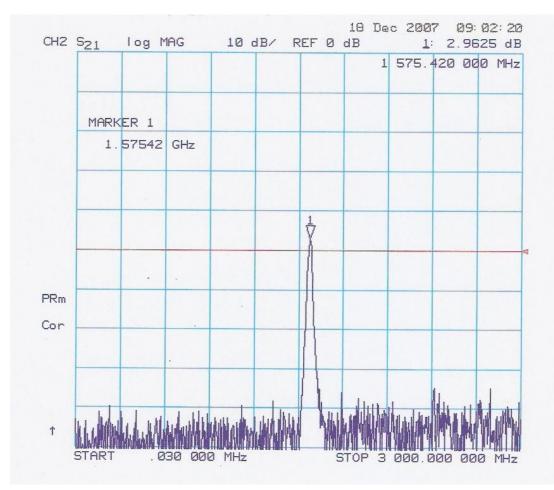
GSM (800/900/1800/1900/2100 MHz)

Frequency	800/900/1800/1900/2100 MHz
Polarization	Vertical
Gain	2.5 dB
VSWR	1.8:1
Impedance	50 Ω
Cable / Connector	RG174 with FME F



3.1 Test Report:

GPS (1575.42MHz)





18 Dec 2007 08:59:33 CHI SII SWR 1 / REF 1 1: 1.4869 824.000 000 MHz PRm CH1 Markers MARKER 1 824 MHz 2: 1.0695 960.000 MHz Cor 3: 1.2185 .80000 GHz 4: 1.2812 1.90000 GHz 5: 1.0977 2.10000 GHz START .030 000 MHz TOP 3 000.000 000 MHz 18 Dec 2007 08:57:33 CH1 S11 LOG 10 dB/REF 0 dB 1:-14.174 dB 824.000 000 MHz 10 PRm MARKER 1 CH1 Markers 2 -29.255 dB 960.000 MHz 824 MHz 2 Cor 31-19,966 dB 1.80000 GHz 41-18.806 dB 1.90000 GHz 5-26.729 dB 2.10000 GHz ww

GSM (800/900/1800/19200/2100 MHz)

START .030 000 MHz

STOP 3 000.000 000 MHz