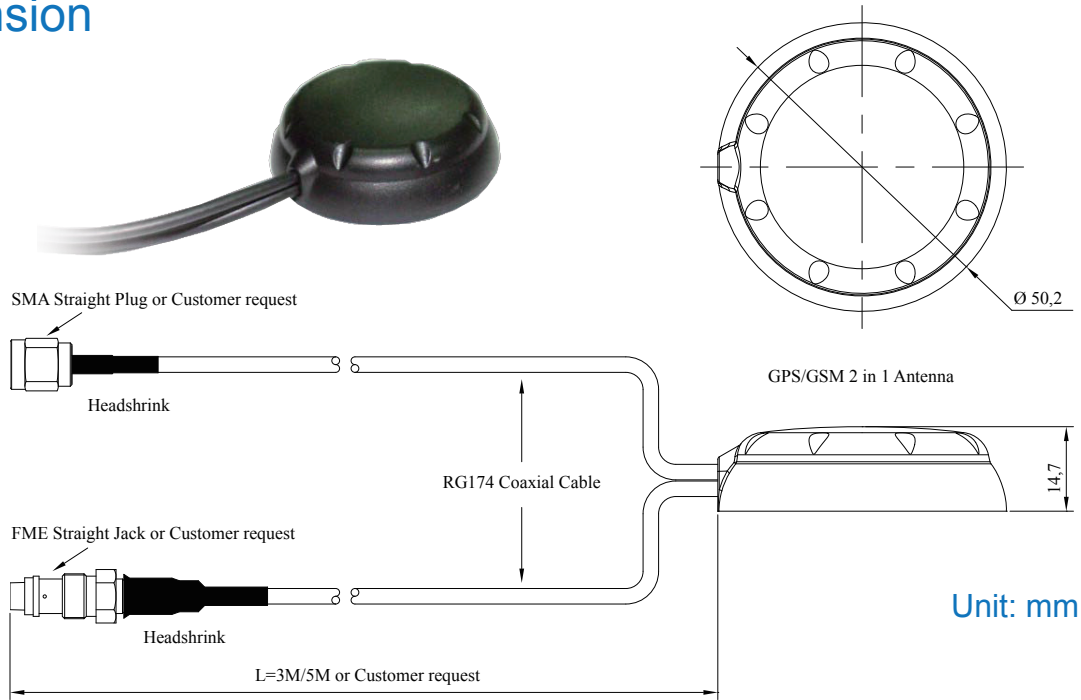


AP002 GPS / GSM 2in1 Antenna

Glass Mount type Car Antenna

Product No. AP002WSG05XXX

Dimension



GSM Specification

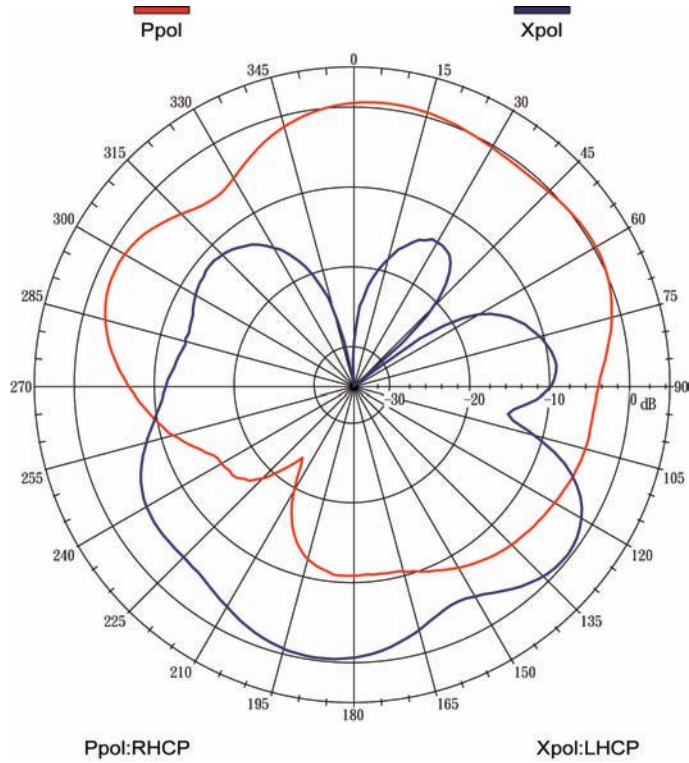
Description	Specification
Frequency Range	900/1800MHz
Polarization	Vertical
Gain	0 dBi
V.S.W.R	< 2.0
Impedance	50 ohm
Power handling capacity	10W max
Cable Type	RG174
Cable Length	3M / 5M or customer request
Connector	SMA, FME...etc

GPS Specification

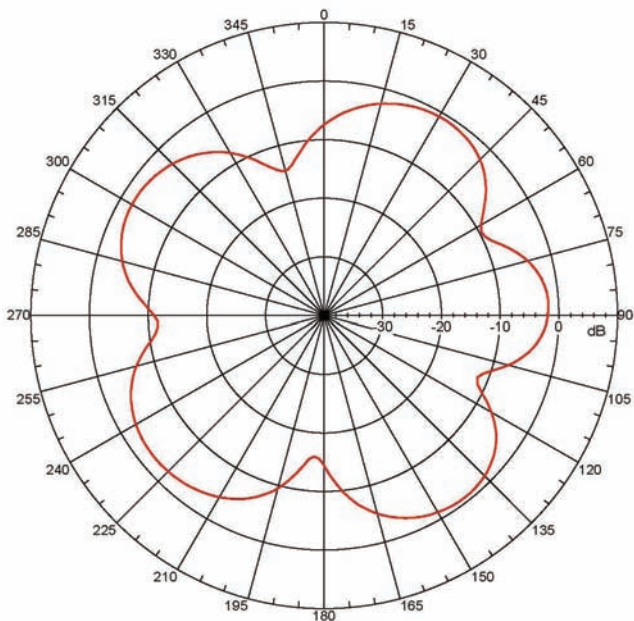
Mechanical	
Cable Type	RG174
Cable Length	3M / 5M or customer request
Connector Type	SMA, SMB, MCX, MMCX...etc
Color	Black
Electrical	
Center Frequency	1575.42±1.023 MHz
Bandwidth (10dB return loss)	10 MHz
Gain at Zenith	5.0 dBic typ.
Gain at 10° elevation	-1.0 dBic min.
Polarization	R.H.C.P
Impedance	50 ohm
Axial Ratio	1.0 dB typ.
LNA Performance	
Center Frequency	1575.42±1.023 MHz
Gain	27 dB typ.
Noise Figure	1.5 dB typ.
Filter Out Band Attenuation	Dielectric
Output VSWR	2.0 max
Voltage	5.0V 3.3V
Current	22mA max 15mA max

Test Results

GPS Radiation Pattern(without LNA)



GSM Far-field amplitude at 900 MHz



GSM Far-field amplitude at 1800 MHz

