

COMBO3S(C)-GSM Quad Band Combined GPS/GSM Antenna



This low-profile antenna combines a GPS patch antenna with a +27dB filtered LNA and a multi-frequency antenna element capable of operating on GSM frequencies, 850/900/1800/1900 Mhz.

This completely weatherproof antenna is ideal for applications that require durability, compact size, covert installation, and ruggedized construction.

General Specifications	
Size:	64.5mm(D) x 17.1mm (H)
Operating Temp:	-40°C - +85°C
Storage Temp:	-45°C - +100°C

GPS Antenna Specifications	
Frequency:	1575.42 MHz
3C Gain:	27dB typical (less cables)
3S Gain:	26 dB typical (less cables)
Noise Figure:	1.2 maximum
Polarization:	Right hand circular
Bandwidth:	10 MHz
Out of Band Filtering:	20dB min. @ f_o +/-50MHz
VSWR:	< 1.5
Impedance:	50 ohms
Power/Consumption:	+2.7Vdc - +5.5Vdc / 13mA
Cable	3m RG-174 SMA connector

GSM Antenna Element Specifications	
Frequency Coverage:	824~960 & 1710~1990 MHz
Gain:	1.0dBi
Impedance:	50 ohms
VSWR:	< 1.5
Max RF Power Input:	10W
Cable:	3m RG-174 SMA connector

Ordering Information:		
Model	Part Number	Description
3S	10301104-1	3m cables, SMA Plug on GSM, SMB Plug on GPS, Magnetic mount
3S	10301104	3m cables, SMA Plug on GSM, SMA Plug on GPS, Magnetic mount
3C	10301103	3m cables, SMA Plug on GSM, SMA Plug on GPS, Thru hole mount

Other configurations quoted on request.

For configuration assistance, order placement and technical support call:



SYNERGY SYSTEMS, LLC
Time proven products and support

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Prices and/or specifications subject to change without notice.