



PRODUCT DATASHEET

MG-DYB062

Type	Combination Antenna 2in1
Frequencies	Glonass/GPS+GSM/3G
Mounting	Screw
Brand Name	MG ANTENNAS



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1. SPECIFICATION

1.1 Electrical Specifications

Cable 1- GSM / 3G

Frequency	806-960 /1710-2170 MHz
Polarization	Linear
Peak Gain	2.0 dBic(Zenith)
Max. Input power	25 W
VSWR	2 :1
Impedance	50 Ω

Cable 2- Glonass/GPS

Frequency	1575.42-1610 MHz
Polarization	RHCP
Peak Gain	2.0 dBi
LNA Gain	28 $\pm$ 2 dBi
VSWR	1.5 :1
Supply Voltage	2.2-5V DC
Current Consumption	5-15mA
Impedance	50 Ω

1.2 Mechanical and Environmental Specification

Cable (type and length)	RG174, 1m or other*
Connector GPS	FAKRA C straight Female Blue / SMA male <i>or other*</i>
Connector GSM	FAKRA D Female / SMA male <i>or other*</i>
Housing Color	Black
Mounting	Screw
Dimensions	50.0 (Ø) x 48.0 (H) mm
Operating/ Storage Temperature	- 40 ~ + 85 °C
Vibration	10 to 55MHz with 1.5mm amplitude 2 hours
Ingress Protection	IP65-IP67 (exclude cable outlet)
Relative Humidity	Up to 95%
Environmentally Friendly	ROHS Compliant

* Customizable Cable and Connector

2. DIMENSIONS

