

WPANT30136

3G Cellular, Wi-Fi and GPS Combo Antenna



WPANT30136-S1A

3 feet LMR200 with SMA Male (3 count)

Note: Different cable and connector style requests can be accommodated.

Application

This multi-band body-mount antenna has very high omni-directional performance. It can be mounted on any surface (metallic or non-metallic & on slightly curved surfaces as well). The antenna is at DC ground to ensure protection against lightning.

We specialize in developing customized Antenna solutions. Please contact sales@worldproducts.com with your requirements.

Electrical Properties

	GSM / 3G		Wi-Fi / WLAN		GPS
Operating Frequency [MHz]	824 – 960	1710 – 2170	2400 – 2500	4900 – 5900	1567 – 1583
Approximate Antenna Impedance [Ω]	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω
VSWR (Typical)	< 3:1	< 2.5:1	< 2:1	< 2:1	< 2:1
Peak Gain [dBi] (Typical)	2.5 dBi	3 dBi	3 dBi	4 dBi	27 dBi
Efficiency [%] (Typical)	80 %	80 %	80 %	80 %	--
Polarization	Linear	Linear	Linear	Linear	RHCP
Pattern	Near Omni-directional	Near Omni-directional	True Omni-directional	True Omni-directional	--
Voltage [V] (Typical)	--	--	--	--	3 V
Current [mA] (Typical)	--	--	--	--	15 mA
Lightning Protection	DC ground				

Mechanical / Environmental Properties

Antenna Dimensions	4.8" Base Dia x 3.74" Height (122mm x 95mm)
Antenna Color	Cool grey
Antenna Radome	ABS + Polycarbonate
Operating / Storage Temperature	-40°C to +125°C
Environmental	Salt Spray Resistant, Water Ingress Resistant, UV Resistant, Ageing Resistant, Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Picture

