

5G LTE GPS Multiband Combination Antenna, 9 Leads

Electrical Specifications

Cable Leads Number	Cable 1 - 4 (4G/5G Elements)		Cable 5 & 8 (WiFi Elements)	
Frequency Range(MHz)	617-960 / 1690-6000		2400-2500/4900-6000	
Peak Gain (dBi)	617-960MHz	4	2400-2500 MHz	5
	1690-2700MHz	6	4900-6000 MHz	6
	3300-4200MHz	7		
	4900-6000MHz	8		
Isolation (dB)	>10		>12	
Polarization	Vertical		Vertical	
VSWR	≤2.0		≤2.0	
Average Power, Maximum (W)			10	
Impedance (Ω)			50	

Mechanical Specifications

Dimensions (mm)	Φ175×80 (7" Dia. × 3.15" High)	
Net Weight (kg)	1.8	
Radome Material / Color	UV Stabilized ABS / Black or White	
Cable Type / Length (M)	RG58 / 5 (17ft)	RG58 / 5 (17ft)
Connector Type	SMA Male (4×)	RPSMA Male (4×)

GPS/GNSS Specifications

Frequency Range (MHz)	1562-1612
VSWR	<2.0:1 ± 4MHz
Gain	LNA 26dB
Out of band rejection	>40dB (@ > +/- 100MHz f)
Typical Noise Figure (dB)	≤ 2.7
Notch Filter rejection @787MHz (dB)	24
Operating Voltage	3 - 5V DC
Typcal Current (mA)	15
Cable Type / Length (M)	RG174 / 5 (17ft)
Connector Type	SMA Male (1×)

Environmental Specifications

Application	Indoor / Outdoor
Operating Temperature (°C)	-40 to +70 (-40 to 158°F)
Water Ingress Rating	IP67

