



## Medusa 5-in-1 Cellular MIMO, WiFi, 868MHz and GNSS Screw Mount Antenna

### Description

Antenna Solution That Keeps the World Connected With Precision, Quality, and Performance

Standards 2G,3G and 4G  
Frequency 698-960, 1710-2170, 2500-2700  
VSWR ~2.9:1, ~1.9:1, ~1.3:1  
Efficiency (%) ~36, ~41, ~53  
Peak Gain (dBi) ~0.2, ~3.8, ~6.0  
Impedance (Ohm) 50  
Polarisation Linear  
Max. Input Power (W) 25

Standards 2G,3G and 4G  
Frequency 698-960, 1710-2170, 2500-2700  
VSWR ~2.8:1, ~2.1:1, ~1.4:1  
Efficiency (%) ~35, ~42, ~53  
Peak Gain (dBi) ~-0.1, ~3.2, ~5.6  
Impedance (Ohm) 50  
Polarisation Linear  
Max. Input Power (W) 25

Standards WiFi, BT, ZigBee, ISM  
Frequency 2410-2490, 4920-5925  
VSWR ~1.9:1, ~1.6:1  
Efficiency (%) ~58, ~64  
Peak Gain (dBi) ~5.6, ~5.5  
Impedance (Ohm) 50  
Polarisation Linear  
Max. Input Power (W) 25

Standards ZigBee, ISM, SIGFOX, LoRa  
Frequency 863-870  
VSWR ~2.3:1  
Efficiency (%) ~37  
Peak Gain (dBi) ~0.51

Impedance (Ohm) 50

Polarisation Linear

Max. Input Power (W) 25

Standards GPS/QZSS/Galileo/GLONASS

Frequency 1575.42, 1598-1610

VSWR  $\leq 1.5:1$  Impedance (Ohm) 50 Polarisation RHCP Active Gain (dB) 23 @ 3 V, 24 @ 5 V Saw

Filter Type Post-Filter Voltage (V) 2.7 - 5.5 Noise Figure (dB) 1.2 Current Consumption (mA) 15 - 25

Power Consumption (mW) 40.5 - 137.5 Out of Band Rejection (dB) 32

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