

## ZAW-9-LTE

Radome enclosed low profile antenna  
L1 GPS, 4G LTE, 4G, 3G and WiFi/WLAN



*\*Upgraded\**

The ZAW-9-LTE is designed and manufactured for GPS, Mobile Phone and WLAN applications all inside one low profile antenna suitable for A.V.L or fleet management.

The ZAW-9-LTE incorporates an internal state-of-the-art low noise amplifier for the GPS patch antenna.

Mounting hardware, adaptors, connectors, patch leads and other installation accessories are all available separately.



Specifications	GPS	Mobile Phone	WiFi/WLAN
Construction	Black plastic radome, chrome mounting base, rubber gasket and cable assemblies		
Frequency range	L1 GPS 1575.42MHz	4G LTE, 4G and 3G 704-960MHz & 1710-2690MHz	WiFi and WLAN 2.4-2.5GHz & 5.1-5.85GHz
Bandwidth	43MHz at S11 <-10dB	Full frequency ranges	
Gain	27dB at 3V	6.1 dBi at 704-960MHz 5.47dBi at 1710-2690MHz	3.9dBi at 2.4-2.5GHz 3.3dBi at 5.1-5.85GHz
Polarisation	Right-hand Circular	Linear, Vertical	
Noise figure	1.2 maximum	N/A	
Attenuation	20dB min at FO ± 50MHz	N/A	
VSWR	<1.5:1	<2.4:1	<1.7:1
Impedance	50 Ohms		
Power supply	3.0~5.5 Volts DC Consumption 6.1~13mA	N/A	Power Handling of 10W
Connector	Not terminated, specify requirements when ordering		
Cables	2 x 10 metre RG58 Low Loss 1 x 10 metre RG174		
Dimensions	Diameter: 85mm, Height: 41.5mm		
Operating temperature	-40C to +80		
Storage temperature	-40C to +85C		
Mounting hardware supplied	Mount using the attached wing nut		
Mounting position recommended	Mount as high on your vehicle or structure as possible ensuring no obstructions such as vehicle or caravan roof, structures roof or on any flat horizontal surface/bracket		