



ZAW-3-LTE

Low profile radome enclosed antenna - with L.N.A

L1 GPS/GLONASS and 4G LTE / 4G / 3G



The ZAW-3-LTE is designed and manufactured for L1 GPS & GLONASS, 4G LTE (can be specified M.I.M.O), 4G and 3G applications all inside one low profile antenna suitable for A.V.L, fleet management, emergency services or any situation that requires a low profile, robust, all-in-one antenna.

M.I.M.O-diversity configuration, adaptors, connectors, patch leads and other installation accessories are all available separately.



	GPS	Mobile Phone
Construction	Black ABS radome, zinc allow base, rubber gasket, cable assemblies and terminations	
Frequency range	L1 GPS 1575.42MHz ± 1.023MHz L1 GLONASS 1602MHz ± 0.5625MHz	4G LTE, 4G and 3G 698-960MHz & 1710-2690MHz
Bandwidth	-	Full frequency ranges stated
Gain - peak	4.5 dBi	-0.7 dB at 698-960 MHz 5.5 dB at 1710-2690 MHz
Efficiency	-	36% at 698-960MHz 66% at 1710-2690MHz
Polarisation	Right-hand circular - RHCP	Linear, Vertical
VSWR	<1.5:1	<2:1
Impedance	50 Ohms	
Connector	SMA male connector fitted as standard or specify requirements	
Cables	3 metres RG-174 cable per input (M.I.M.O will have 2 cables) or specify length requirements	
Dimensions	Diameter: 68.2mm, Height: 36mm - excluding threaded base	
Weight - approximately	160grams	
Operating temperature	-35°C to +85°C	
Mounting hardware supplied	Mount using the attached rubber gasket, spring washer and nut using a minimum 22.2mm hole - see drawings below	
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 - does not require a ground plane	
LNA Gain	28±2dB	
Noise figure	<1.5	
DC voltage	2.7~5V	
DC current	8~13mA	

New Product



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