

## ZSG-1977

### High gain omni-directional whip with ground plane Radio location/loT/M2M/LoRa/ISM 902-928 MHz



The ZSG-1977 is designed to be rugged with high gain capability, this antenna is ideal for ISM or Radio location applications. The ZSG-1977 is easy to assemble and designed for outdoor applications on either a tower or structure.

Please note: the N-type female concealed inside the removable mount section to assist with weather protection. Water-proofing should still be applied to the termination.

Mounting hardware, water-proofing, bird-proofing and other installation hardware are all available separately.

Construction	Black stainless steel whip, aluminium radials, anodised aluminium mount section with concealed termination
Frequency range	902-928 MHz - UHF, loT, ISM, LoRa and Radio location compatible Suits AS915-928, AS923, AS920-923 and KR920-923
Bandwidth	Full frequency range stated - 26 MHz
VSWR	<2.2:1
Tuning	Factory
Gain	5.1 dBi
Maximum power	100 Watts
Impedance	50 Ohms
Polarisation	Vertical
H Plane	360° omnidirectional
Connector	Concealed N-type female inside mount section
Mount section	200mm x 32mm O.D. - anodised aluminium
Height	600mm
Width	250mm - radial width
Weight	400grams
Projected area	0.006m <sup>2</sup>
Wind load at 160kph	0.749kg, 0.007kN
Mounting hardware order separate	Mast mounting: 2 x EB1-SS or 1 x UB3-SS or 1 x UB2-SS Side/wall mounting: 1 x NSM-CL3642
Mounting position recommended	Mount as high on your structure/mast or tower as possible using the appropriate mounting hardware, ensuring no obstructions.
Installation tools required	Phillips head screwdriver for handle securing Amalgamation butyl rubber tape and PVC tape for sealing



ZSG-1977 concealed N-type female inside mount section



Detachable threaded radials