





## **ZSG-1977**

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

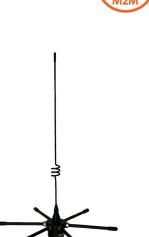


The ZSG-1977 is designed to be rugged with high gain capability, this antenna is ideal for ISM or Radio location applications. The ZSG-1977 is easy to assemble and designed for outdoor applications on either a tower or structure.

<u>Please note:</u> 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, IoT, 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	0.006m²
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





ZSG-1977 concealed N-type female inside mount section





Amalgamation butyl rubber tape and PVC tape for sealing