

GID Series Elevated Feed Ground Independent UHF

Frequency
450 – 490 MHz

Bandwidth
20 MHz

The GID series of UHF elevated feed ground independent mobile antennas offer effective performance with 6.2 dBi gain. Their modest size and light weight design make these antennas an excellent choice for mounting in various positions on a vehicle or to a truck mirror using the appropriate bracket.

Manufactured in Australia by ZCG Scalar, there are various models each factory tuned to cover a common 20 MHz bandwidth in the UHF frequency range 450 to 490 MHz at better than 1.5:1 VSWR.

- **GIDM series antennas have a detachable stainless steel black powder coated whip with phasing coil.**
- **GIDMB models have a detachable fibreglass whip with black heat shrink covering.** These are more suitable in situations where severe vibration is often encountered.

The high quality brass, delrin, chrome and stainless steel components also make these GID antennas perfectly suited for use in the harsh marine or industrial environments.

4.5 metres of RG58 low loss stranded cable bottom exits through the mount base. Cut the cable to the shortest length necessary prior to fitting the UHF male solder connector provided.

SPECIFICATIONS	GIDM series	Frequency	GIDMB series
GIDM460	84 cm, Red Tip	450 – 470 MHz	87 cm, Red Band GIDMB460
GIDM480	80 cm, Blue Tip	470 – 490 MHz	85 cm, Blue Band GIDMB480
Detachable Top Whip included	Stainless steel with phasing coil and black powder coat finish, chrome plated brass ferrule		Fibreglass with black heatshrink cover, chrome plated brass ferrule
Construction	Brass internals, delrin components, chrome plated ground independent elevated feed base, detachable whip		
Tuning	All models are factory tuned to less than 1.5:1 VSWR full band		
Gain	6.2 dBi		6.2 dBi
Maximum Power	50 Watts		50 Watts
Impedance	50 Ohms		50 Ohms
Polarisation	Vertical		Vertical
Cable	4.5 metres of RG58 low loss stranded bottom exits through base		
Connector Supplied	UHF male solder (PL259)		UHF male solder (PL259)
Packed Weight	590 grams		590 grams
Mounting	Secure into any bracket with minimum 12.7 mm (½") diameter hole using the nut and lock washer at the base		
Recommended Mounting Positions	Vehicle bull bar, vehicle guard, the boot of a sedan or a truck mirror using the appropriate bracket		
Optional Mobile Antenna Spring	<i>"1269-5" electro-polished stainless steel barrel spring, includes washer and drilled bolt for cable pass through</i>		



A UHF male solder connector is supplied. Cut the cable to the shortest length necessary prior to fitting the connector.

1269-5 is another mounting option available.

This consists of a stainless steel barrel spring with drilled bolt and spring washer. The spring dampens vehicle vibrations while travelling and is recommended for those who encounter rough conditions frequently.

The cable is fed through the hollow spring, washer, mounting bolt and bracket. Then screw the spring into the threaded base of the antenna and secure into any bracket with 12.7 mm (½") minimum diameter hole.

