

Section 7

DATA LINK ANTENNAS

Updated 21 February 2011

GIDM90T **NEXT G or GSM** **Cellular Mobile Phone Antennas**

Frequency
825 – 960 MHz

Bandwidth
NEXT G or GSM



GIDM90T ground independent cellular mobile phone antennas are also useful for Data Link applications in either the NEXT G or GSM Bands. Just 45 cm tall with 5.1 dBi gain, these models are a modest size and will deliver excellent performance.

The antennas are a rugged design with detachable stainless steel black powder coated whip.

No metal ground plane is necessary for the antenna to operate effectively.

Simply mount the antenna into any bracket with minimum 10 mm diameter hole using the nut and spring washer at the base.

4.5 metres of RG58 low loss cable bottom exits through the base. The cable may be cut shorter prior to fitting the FME Female crimp connector supplied.

Other connectors can be supplied as you may require.

SPECIFICATIONS	GIDM90T(NextG)	GIDM90T(GSM)
Frequency Range	NEXT G 825 to 890 MHz	GSM 890 to 960 MHz
VSWR	< 1.6:1 full band	< 1.6:1 full band
Tuning	Factory	Factory
Gain	5.1 dBi	5.1 dBi
Maximum Power	5 Watts	5 Watts
Impedance	50 Ohms	50 Ohms
Polarisation	Vertical	Vertical
Cable	4.5 metres RG58 low loss bottom exits	
Connector	FME Female crimp supplied, not fitted (Other connectors available)	
Height	45 cm	40 cm
Weight	350 grams	350 grams
Colour	Black	Black
Mounting	Secure into any bracket with minimum 10 mm diameter hole using the threaded stud and nut assembly at the base	

An FME Female crimp connector is supplied, not fitted.

Other connectors are available upon request.

