L-BAND GRID PARABOLA ANTENNA

1525 - 1660 MHz

MODEL GMC12-15

FEATURES

High gain circular polarized mesh grid parabolic antennas suitable for L-band satellite communications by fixed or transportable stations.

These antennas have applications for the defence forces, emergency services, mining and exploration companies, rural communities and homestead, parks and wildlife outposts, etc.

The antenna is a broad bandwidth, directional circularly polarized model with the radiator element enclosed in a robust, impact resistant radome which is UV protected.

Adjustment is available from 0-90° for elevation and 360° azimuth.

CONSTRUCTION

All welded aluminium construction, the finish is white powder coated for durability and a pleasing aesthetic appearance.

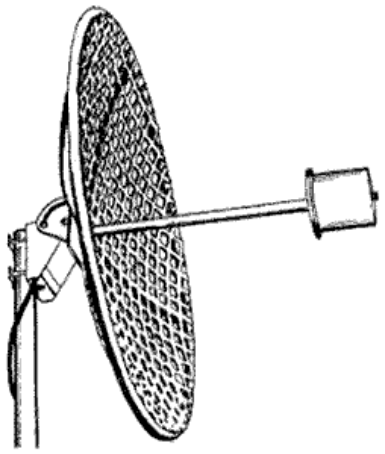
The antenna radiating element radome is filled with closed cell polystyrene foam to prevent moisture penetration and ensure constant electrical characteristics.

The antennas are designed with strong aluminium frames and extruded/formed mesh reflector surface to minimize weight, wind loading and corrosion.

NOTES

Each model is supplied complete with mounting hardware for attachment to a vertical pipe (44-55 mm diameter).

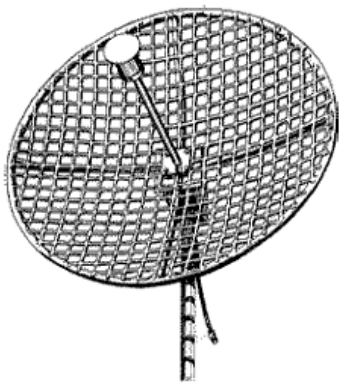
Individually packed in a wooden case for easy transportation.



GMC Series

MODEL NO	GMC12-15
FREQUENCY RANGE	1525 - 1660 MHz
IMPEDANCE	50 ohms
BANDWIDTH	135 MHz
VSWR	1.5:1(max)
GAIN	23dBi (gain low)
GAIN	23.3dBi (gain midband)
GAIN	23.7dBi (gain high)
BEAMWIDTH	10.6° (Midband)
FRONT/BACK RATIO	32dB
POWER	100 Watts (input)
LIGHTNING	DC GROUND
TERMINATION	'N' FEMALE
DIAMETER ø	1200mm
WEIGHT	7.7kg
FINISH	WHITE POWDER COATED
PROJECTED AREA	0.36 m²
LATERAL THRUST *	0.610 kN (@ 175 km/h)

* In accordance with AS 1170 : Part 2 "SAA Loading Code - Wind Forces"



GMC Series

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