

DG900MB-HG

High Gain Multiband Antenna — 680–960 / 1710–2700 MHz

The DG900MB-HG is a rugged, high-performance **ground-independent multiband antenna** designed for both mobile and base station applications where maximum signal performance is critical. With a **7 dBi gain at 700–1000 MHz**, it is particularly suited to fringe and regional areas where signal strength is weak.

A new-generation PCB and cable radiating element is housed inside a 45 cm fibreglass radome, available in **Black or White**. The 12.7mm threaded stud provides a secure, versatile mount across base station, vehicle and panel installations. Spring base options are available as an optional extra for mobile applications subject to vibration. Factory pretuned and ready to install with FME, SMA, BNC or TNC termination options on 5M or 10M ALSR195 low-loss cable.



Available in Black (left) and White (right)

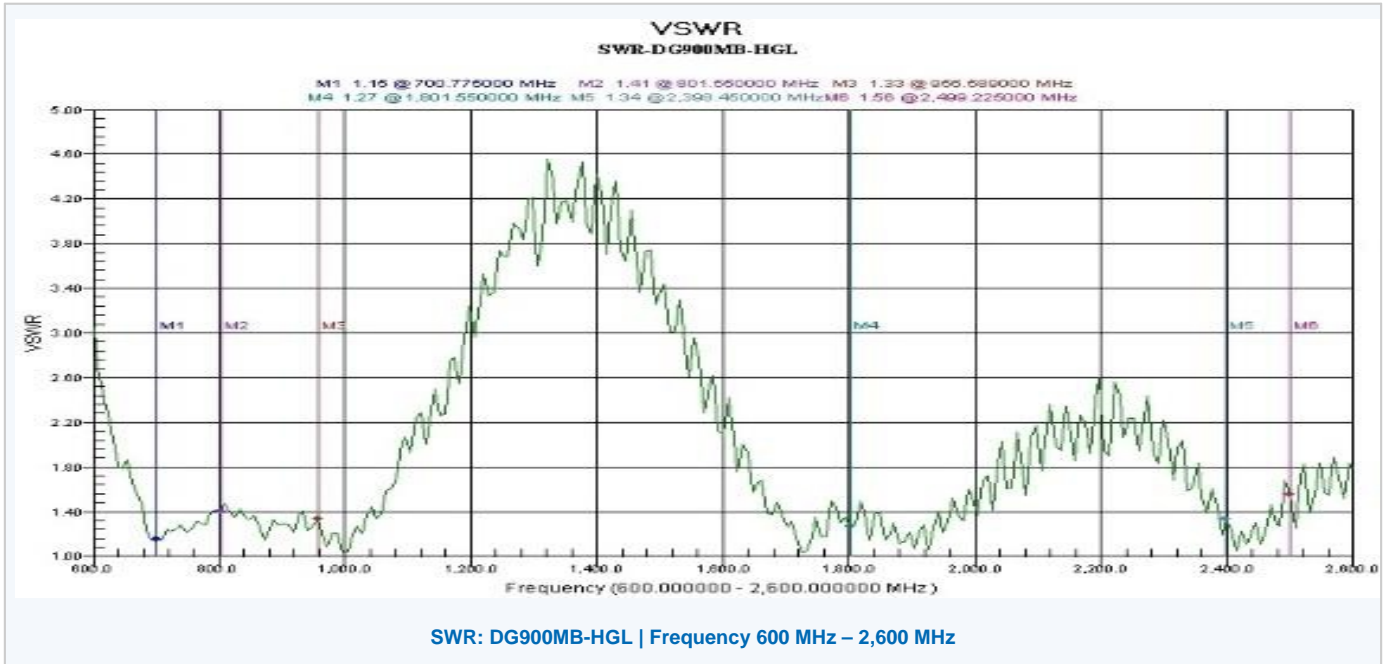
ELECTRICAL SPECIFICATIONS

Gain	7.0 dBi @ 700–1000 MHz 3.5 dBi @ 1710–2600 MHz
Frequency	680–960 MHz 1710–2700 MHz
Max Power	25 Watts
VSWR	< 2.0 : 1 over entire specified bandwidth
Impedance	50 Ohm
Tuning	Factory pretuned

MECHANICAL SPECIFICATIONS

Antenna Length	45 cm (450 mm)
Radome Diameter	16 mm — Fibreglass tube
Radome Colour	Black or White
Mounting	12.7 mm threaded stud and nut Base station / mobile options available
Spring Base	Optional extra — recommended for mobile / vehicle installations
Termination	Optional: FME SMA BNC TNC
Cable	5.0 m or 10.0 m Low-loss ALSR195 Custom lengths on request

VSWR PERFORMANCE — SITEMASTER ANTENNA ANALYSER



TYPICAL APPLICATIONS

Fringe & Regional Area Coverage	Base Station Installations	Vehicle & Fleet Systems
Security Alarm Communicators	Remote Asset Monitoring	4G LTE Routers & Modems
Rural IoT & SCADA Systems	Mobile Command & Control Units	Smart Utility Metering

Ready to Order or Need a Custom Solution?

D&G Antennas supplies Australia's leading security integrators, fleet operators and OEM partners with professional-grade RF solutions. Whether you need a single evaluation unit or a scheduled production run, our team is ready to support your project from specification through to delivery.

Custom cable lengths, alternative connector types and bulk packaging options are available on request. Stock items typically ship within 7 business days.

GET IN TOUCH

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Exclusive Tier 1 Trade Pricing Available. D&G Antennas offers exclusive Tier 1 pricing for qualified trade partners, system integrators and volume buyers. Contact our sales team directly to discuss your requirements and receive a tailored pricing schedule.

Specifications subject to change without notice. D&G Antennas Pty Ltd — 3/1 Harford Street, Jamisontown NSW 2750.