

# DG850LP-MB

Low Profile Multiband Antenna — 700–960 / 1710–2700 MHz

The DG850LP-MB is a rugged, high-performance **ground-dependent multiband antenna** engineered specifically for low-profile fixed and mobile applications. Its compact 80mm tapered ABS radome makes it ideal for discrete installations where minimal visual intrusion is essential, without compromising RF performance.

Covering **700–960 MHz** (5.0 dBi) and **1710–2700 MHz** (3.5 dBi), the DG850LP-MB delivers consistent, factory-pretuned performance across all Australian 4G LTE bands. Suitable for wireless data communications, remote monitoring, alarm systems and telemetry applications — mobile or fixed. Termination options include FME, SMA, BNC and TNC to suit any installation requirement.



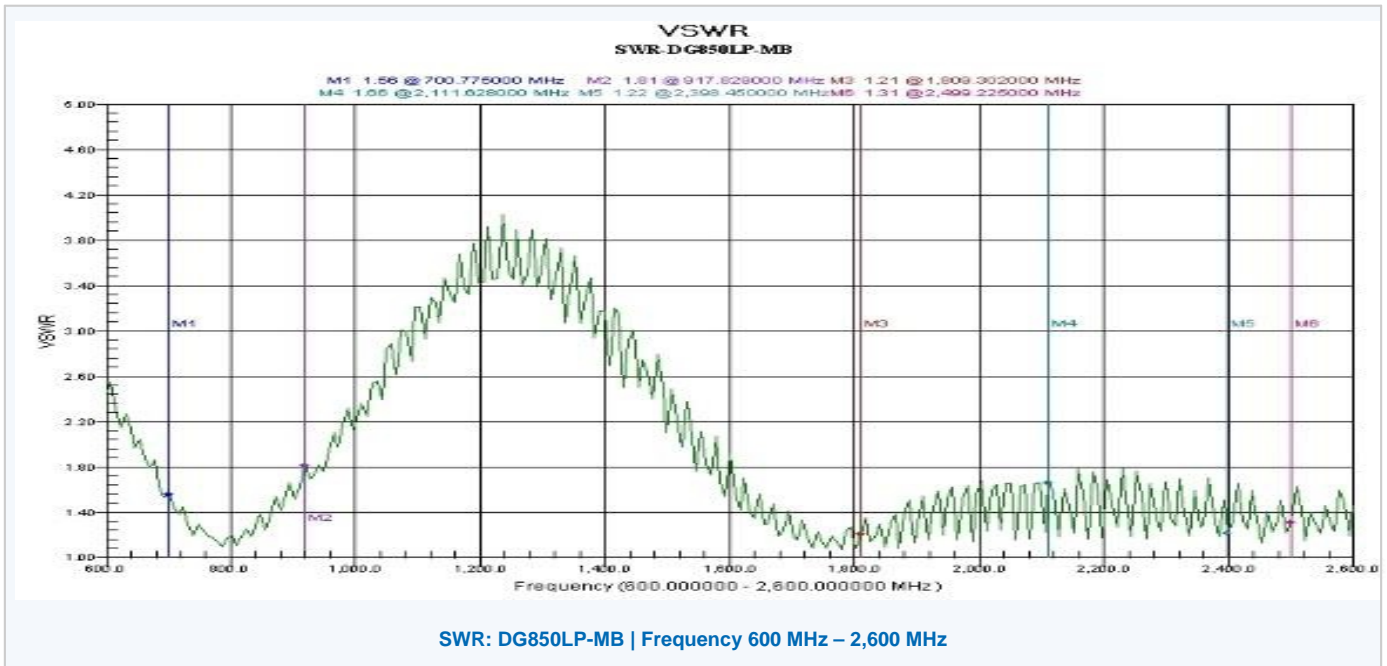
## ELECTRICAL SPECIFICATIONS

<b>Gain</b>	5.0 dBi @ 700–960 MHz   3.5 dBi @ 1710–2700 MHz
<b>Frequency</b>	700–960 MHz   1710–2700 MHz
<b>Max Power</b>	10 Watts
<b>VSWR</b>	< 2.0 : 1 over entire specified bandwidth
<b>Impedance</b>	50 Ohm
<b>Tuning</b>	Factory pretuned

## MECHANICAL SPECIFICATIONS

<b>Antenna Height</b>	80 mm
<b>Radome Diameter</b>	40 mm — Tapered ABS Plastic
<b>Radome Colour</b>	Black
<b>Mounting</b>	16 mm threaded stud and nut   Mounting bracket optional extra
<b>Termination</b>	Optional: FME   SMA   BNC   TNC
<b>Cable</b>	5.0 m or 10.0 m Low-loss RG58   Custom lengths on request

**VSWR PERFORMANCE — SITEMASTER ANTENNA ANALYSER**



**TYPICAL APPLICATIONS**

Wireless Data Communications	Remote Monitoring & Telemetry	Security Alarm Systems
4G LTE Routers & Modems	Vehicle & Fleet Tracking	Smart Utility Metering
Fire Monitoring Systems	Vending & Kiosk Terminals	Industrial IoT Devices

**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.*