

DG850MB-CT

GSM Multiband Antenna — 698–2700 MHz

The DG850MB-CT is a **ground-independent multiband antenna** housed in a high-impact, UV-protected ABS radome, available in Black or White. Specifically engineered for low-profile installations in demanding environments including vending machines, meter reading cabinets, alarm systems, fire monitoring panels and telemetry equipment.

With a broadband coverage of **698–2700 MHz**, the DG850MB-CT covers all Australian 4G LTE bands in a single compact antenna. High gain of **4.5 dBi at 850 MHz** and **7.5 dBi at 1.8–2.5 GHz**, combined with an exceptional VSWR of **<1.5:1** across the full bandwidth, makes this one of D&G's highest-performing low-profile units. Suitable for marine and mobile applications.



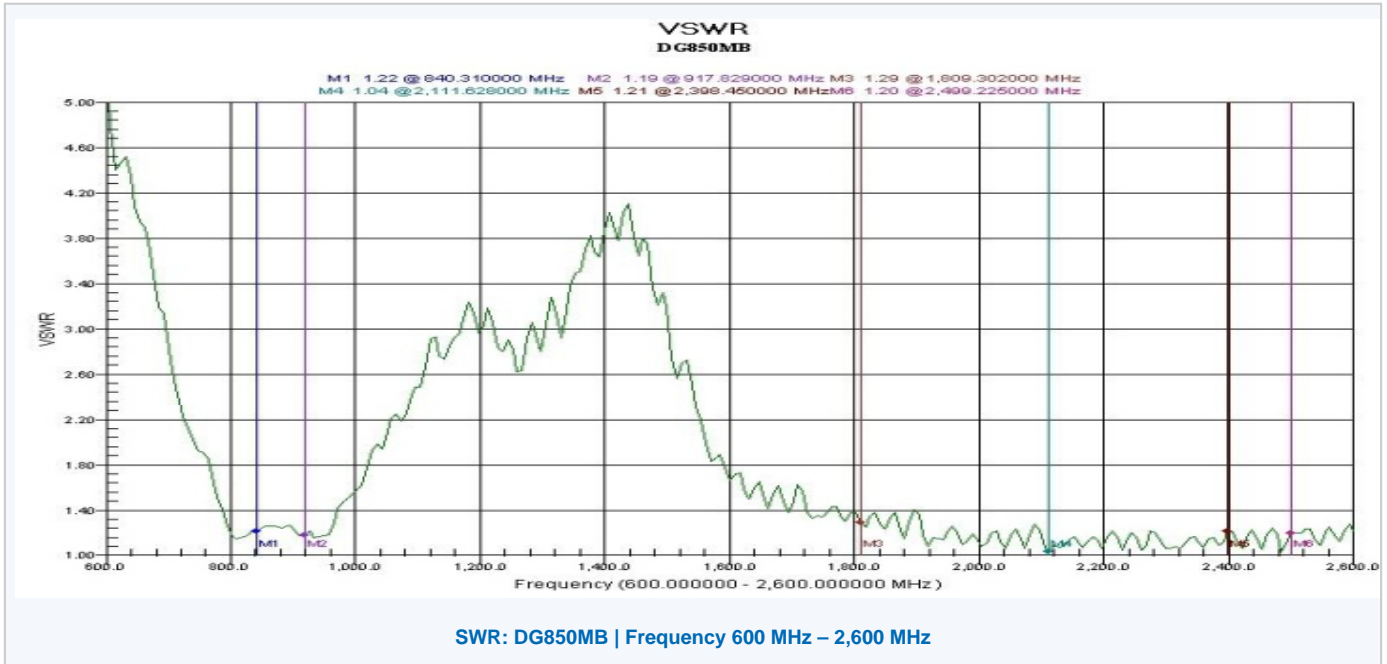
■ ELECTRICAL SPECIFICATIONS

Bandwidth	698 MHz – 2700 MHz
Gain	4.5 dBi @ 850 MHz 7.5 dBi @ 1.8–2.5 GHz
Max Power	50 Watts
VSWR	< 1.5 : 1 over entire specified bandwidth
Impedance	50 Ohm
Termination	SMA FME TNC (optional) N-Type bottom termination on request
Cable Length	5.0 m RG58 Low-loss Alternative lengths available on request

■ MECHANICAL SPECIFICATIONS

Antenna Height	165 mm
Radome Diameter	63 mm
Radome Material	ABS High-Impact Plastic, UV Protected
Radome Colour	Black or White
Mounting	Stainless steel — standard bracket included

VSWR PERFORMANCE — SITEMASTER ANTENNA ANALYSER



TYPICAL APPLICATIONS

Alarm & Fire Monitoring Systems	Vending Machines & Kiosks	Meter Reading Cabinets
Security Panel Communicators	4G LTE Routers & Modems	Marine & Vessel Systems
Remote Asset Monitoring	Vehicle & Fleet Telematics	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.