

680 TO 960 / 1710 TO 2700 MHz

DG900MB-HG

High Gain Multiband Antenna

FREQUENCY	GAIN	VSWR	LENGTH
680-960 / 1710-2700 MHz	7.0 / 3.5 dBi	< 2.0:1	450 mm

A ground independent multiband antenna for sites where signal is weak. It delivers 7 dBi across 700 to 1000 MHz, which makes it the usual choice for fringe and regional 4G sites, base stations and vehicles. The radiating element sits inside a 45 cm fibreglass radome, black or white, on a 12.7 mm threaded stud.

QUALITY

Built and tuned by D&G Antennas in Penrith, NSW. Every unit is tested on our Anritsu Site Master before dispatch.



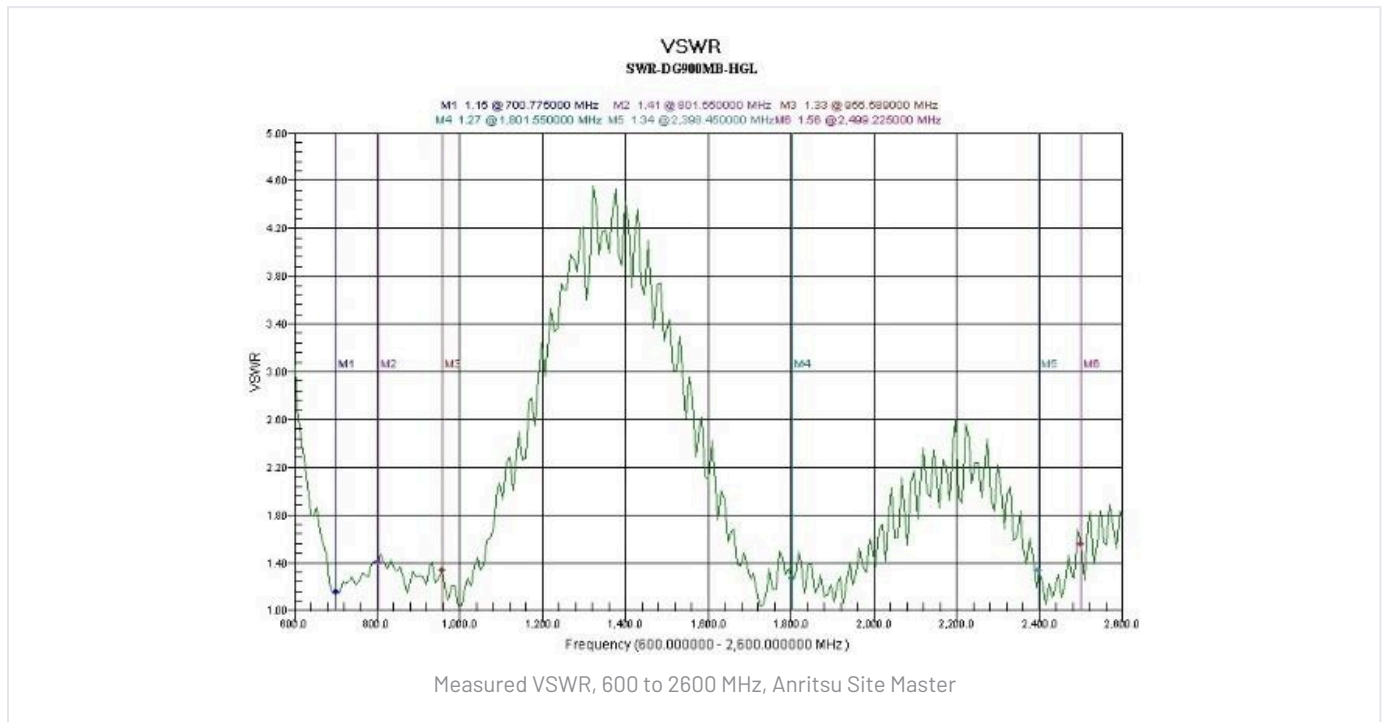
ELECTRICAL

Frequency	680-960 MHz 1710-2700 MHz
Gain	7.0 dBi @ 700-1000 MHz 3.5 dBi @ 1710-2600 MHz
VSWR	< 2.0:1 over the specified bandwidth
Impedance	50 Ohm
Max power	25 W
Tuning	Factory pretuned

MECHANICAL

Length	450 mm
Radome	16 mm fibreglass tube, black or white
Mounting	12.7 mm threaded stud and nut
Spring base	Optional, recommended for vehicles
Cable	2.5 m, 5 m or 10 m low-loss ALSR195 (lower loss than RG58), custom lengths on request
Termination	FME, SMA, BNC or TNC

TESTED PERFORMANCE



TYPICAL APPLICATIONS

Fringe and regional 4G sites	Security alarm communicators	Base station installations
Vehicle and fleet systems	Rural IoT and SCADA	Remote asset monitoring

CONFIGURATION AND ORDERING

Cable length	Standard lengths as listed. Custom lengths on request
Connectors	Alternative terminations on request, fitted and tested before dispatch
Volume	Trade discounts from 50 units. OEM production runs from 200 units
Samples	Evaluation units available for qualified projects

TALK TO US ABOUT DG900MB-HG

Tell us about the site and the device and we will recommend the right configuration.
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Xtend Communications is the direct channel for D&G Antennas Pty Ltd, 3/1 Harford Street, Penrith NSW 2750. Specifications are typical and subject to change without notice.