

698 TO 960 MHz, 6 dBi

DGY900-3

3 Element Yagi Directional Antenna

FREQUENCY	GAIN	FRONT TO BACK	BOOM
698-960 MHz	6 dBi	14 dB	410 mm

A compact 3 element Yagi for sites that need some directional gain without the size of a full Yagi. It gives 6 dBi with a 14 dB front to back ratio on a 41 cm boom, suited to alarm communicators and low power IoT on the 700, 850 and 900 MHz bands. It ships with 10 m of double shielded RG58 terminated N male and SMA male.

QUALITY

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

PRODUCT PHOTO TO FOLLOW

ELECTRICAL

Frequency	698-960 MHz (retunable within band on request)
Gain	6 dBi
Front to back ratio	14 dB
VSWR	< 1.5:1
Impedance	50 Ohm
Power rating	150 W

MECHANICAL

Boom length	410 mm
Boom width	170 mm
Elements	3 (reflector, driven element, 1 director)
Material	6061 anodised aluminium
Mounting	C4 stainless steel U-bolt mast clamp
Connector	N female at antenna
Cable	10 m double shielded RG58, N male and SMA male

TYPICAL APPLICATIONS

Security alarm communicators	Suburban 4G coverage extension	Entry level telemetry
Smart meter and utility monitoring	Agricultural sensors	Remote data loggers

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 DGY900-3

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, Jamisontown NSW 2750. Specifications are typical and subject to change without notice.