

700 TO 960 MHz, 12 dBi

DGY900-6

6 Element Yagi Directional Antenna

FREQUENCY	GAIN	FRONT TO BACK	VSWR
700-960 MHz	12 dBi	14 dB	< 1.5:1

A 6 element Yagi for telemetry, IoT and alarm sites where the nearest tower is a long way off. It puts 12 dBi of gain toward the tower and rejects signal from behind with a 14 dB front to back ratio. Built from 6061 anodised aluminium with a stainless steel mast clamp, 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.



ELECTRICAL

Frequency	700-960 MHz (factory tuned to 850 MHz, retunable on request)
Gain	12 dBi
Front to back ratio	14 dB
VSWR	< 1.5:1
Impedance	50 Ohm
Power rating	150 W

MECHANICAL

Boom length	690 mm
Boom width	180 mm
Elements	6 (reflector, driven element, 4 directors)
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

Remote telemetry and SCADA	Rural and fringe 4G coverage	Remote alarm communicators
Smart water and utilities	Agricultural IoT	Mine site wireless

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 DGY900-6

Tell us about the site and the device and we will recommend the right configuration.
+61 2 4732 3083 · sales@xtendcommunications.com · xtendcommunications.com



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.