



# Blackhawk Yagi Antenna

698-890 MHz, 14dBi (BH-YG-100-10)

This fully welded 14 element antenna has been designed for ruggedised locations. The premium grade cellular antenna will satisfy 3G and 4G capabilities for all the major networks in Australia.

The Blackhawk Yagi antennas provide the perfect solution for voice and data applications where high gain antennas are required. Perfect for fixed wireless terminals, mobile broadband internet and smart repeater applications.

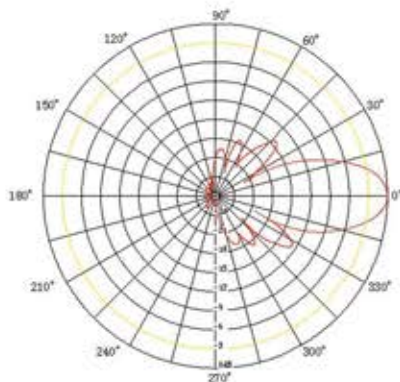
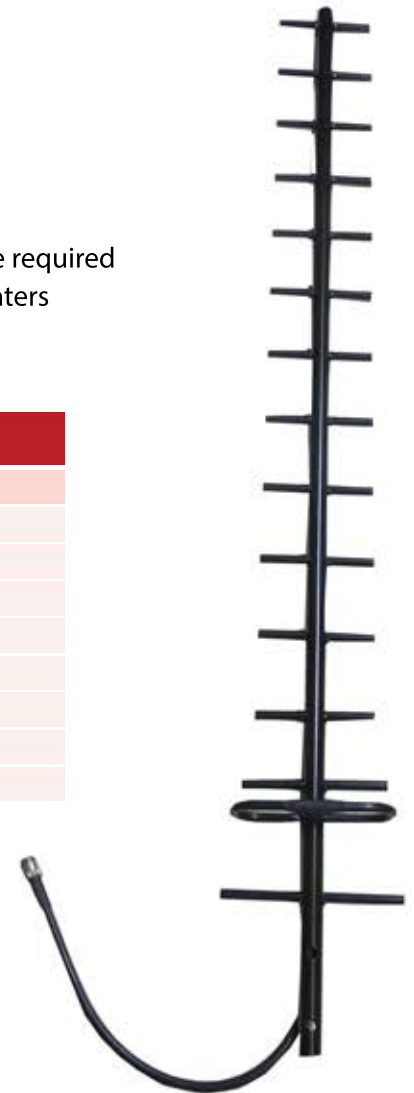
Fully welded construction suited to extreme climate applications.

## Features:

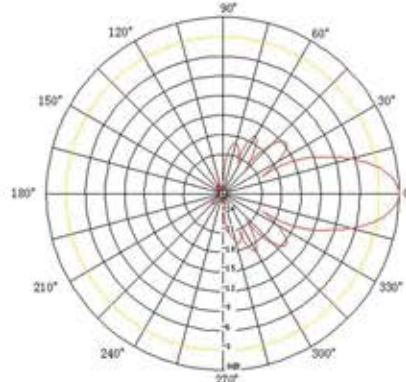
- ◆ Ruggedised fully welded construction for extreme conditions
- ◆ Powder coated finish
- ◆ Galvanised mounting clamp included
- ◆ 30cm pig tail terminated N Female
- ◆ Option to have LMR400/LMR240 low loss cable lengths also available
- ◆ Perfect solution for voice and data applications where high gain antennas are required
- ◆ Ideal for fixed wireless terminals, mobile broadband internet and smart repeaters

## BLACKHAWK YAGI

ELECTRICAL SPECIFICATIONS	MECHANICAL SPECIFICATIONS
Frequency Range 690-890 MHz	Dimensions 1300 mm
Impedance 50 $\Omega$	Weight 1.5kg
VSWR $\leq 2.0$	Rated Wind Velocity 210km/hr
Gain 14dBi	Operating Temperature -40°C- +65°C
Front to Back Ratio $\leq 16$ dB	Connector N-Female
Max Input Power 50W	Material Aluminium
Polarisation Vertical	Antenna Colour Black
Horiz/Vert-beamwidth 37°/34°	Diameter of installing pole 38-52mm



Horizontal Pattern



Vertical Pattern