



**BLACKHAWK**  
ANTENNAS

# Blackhawk Log Periodic Wideband Directional Antenna

698-960/1710-2700 MHz, 12/14 dBi (BH-YG-LOG-LPDA1)

The Blackhawk Log Periodic Directional Wideband antenna is designed for versatility, for use in a variety of environments, in low to high signal areas and mounted in almost any location.

No longer do you have to buy a new antenna when you switch carriers or be concerned what frequency your antenna supports.

The Blackhawk Log Periodic Directional Wideband Yagi offers a powerful 12 or 14 dBi gain over 698-2700MHz and is designed for those in poor coverage areas.

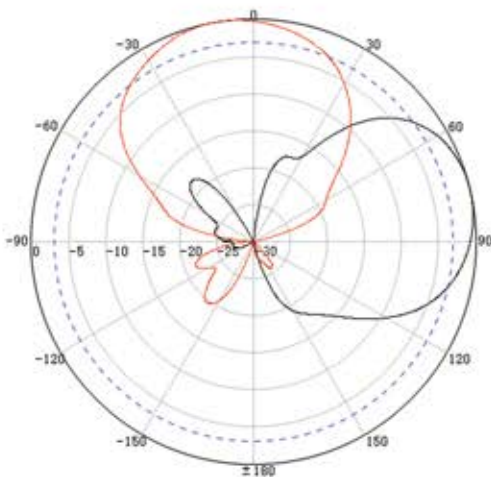
Mounting is made simple with a mast down-tilt bracket and U-Bolts. This enables you to mount the antenna on a flat surface or a pole.

## Features:

- ◆ Suitable for all mobile carriers
- ◆ Comes with mast down-tilt bracket and U-Bolt mounts
- ◆ Includes 10 metres RG58 Cable SMA-M to N/M
- ◆ Optional LMR400/LMR240 low loss cable lengths available
- ◆ Fully welded construction

## BLACKHAWK LOG PERIODIC ANTENNA

ELECTRICAL SPECIFICATIONS	MECHANICAL SPECIFICATIONS
Freq Range 698-960/1710-2700MHz	Dimensions 1370mm
Impedance 50 $\Omega$	Weight 1.6 kg
VSWR $\leq$ 2.5 / 1.8	Operating Temperature -40°C- +65°C
Gain 12 / 14 dBi	Connector N-Female
Max Input Power 50W	Material Aluminium
Polarisation Vertical	Antenna Colour Black
Beamwidth Hz 55°/42° Vert 46°/34°	



Freq: 698MHz  
Polar\_Across Main  
Max: -31.76dB  
HPBW(3dB): 49.12°  
FBR: 24.60dB  
Aetel ratio: 55.23

Freq: 998MHz  
Polar\_Across Main  
Max: -32.13dB  
HPBW(3dB): 58.99°  
FBR: 25.87dB  
Aetel ratio: 45.07

Gain: 11.77dBi