

# Blackhawk Slim Series Large Ceiling MIMO Antenna

698 - 4000 MHz, 3/6dBi (ANT-BH-00027)

The Blackhawk Large Ceiling MIMO antenna is part of the slim series range measuring only 19mm thick. The thin and compact white design is only 28cm in diameter allowing the install to be visually unobtrusive making it ideal for deployment in hotels, convention centres and other venues where aesthetics are of primary importance. Indoor ceiling antennas are perfect for applications that require a 360° beamwidth for complete internal coverage.

This is the ideal indoor antenna for mobile repeater systems where two Cel-Fi's are used to provide dual-frequency or dual-carrier solutions. The low -150dBc rating ensures it will provide consistently distributed mobile phone service from both Cel-Fi boosters.



## Electrical Specifications

Frequency Range, MHz	698-960	1690-2170	2300-2500	2500-2700	3300-4000
Gain, dBi	3.0	4.0	5.5	6.0	5.5
VSWR	≤2.0	≤1.8	≤1.8	≤1.8	≤1.8
Polarization	Linear Horizontal				
Isolation	20 dB	23 dB	23 dB	23 dB	23 dB
PIM, 3rd Order, 2x20W	≤-150 dBc				
Horizontal Beamwidth	360°				
Vertical Beamwidth	110°	68°	27°	31°	30°
Input Impedance	50 Ω				
Max. Power	50 W				
Lightning Protection	DC Ground				

## Mechanical Specifications

Connector	2xN-Female / 4.3-10 DIN Female
Dimensions	Ø280x19.0 mm
Weight	0.55 kg
Color	White
Reflector Material	PCB
Radome Material	ABS (UV Stabilized)
Operating Temperature	-40°C to +65 °C