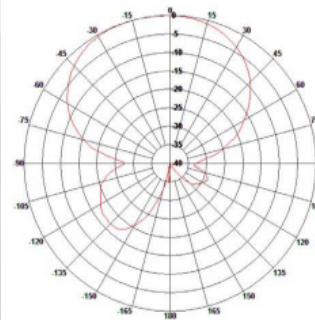


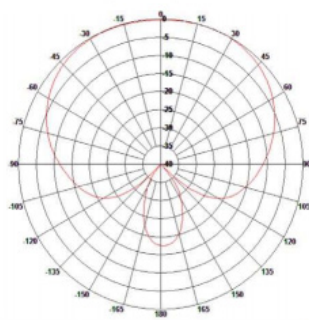
## iANT 218



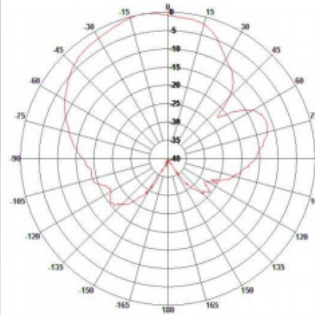
Radiation pattern E-plane (2.5GHz)



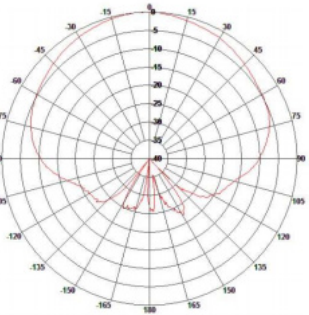
Radiation pattern H-plane (2.5GHz)



Radiation pattern E-plane



Radiation pattern H-plane



## Directional dual band 3x3 MIMO simple apparatus Wi-Fi antenna.

Safe to use in hazardous areas when connected to an intrinsically safe RF output, such as the iWAP series or other solutions using the iSOLATE501

Optimised for use in 2.4/5.8GHz WLAN installations or wireless mesh Ethernet networks

2.4 GHz and 5 GHz dual band, ideal for Wi-Fi applications

Assessed by Extronics engineers as simple apparatus

Combined vertical and cross polarisation

Rugged with wide temperature range - use indoors or outdoors

Directional coverage with up to 5 dBi gain

Suitable for Groups II and III

Easy to install, no specialist tools needed

## SPECIFICATION



Frequency range	2.3 - 2.7 GHz and 4.9 - 6.1 GHz
Gain	3 x 5dBi (+/- 1dB)
VSWR	1.5 : 1 (typical), 2 : 1 (max)
Polarisation	Vertical & 2 x Dual Slant $\pm 45^\circ$
Horizontal 3dB beam width	120°
Vertical 3dB beam width	70°
Nominal input impedance	50 Ohms
Radome material	UV protected polycarbonate
Backplate material	Aluminium, protected through chemical passivation
Flammability	UL94
Ingress protection	IP67
Operating temperature	-40°C to +70°C
Dimensions	H200 mm x W200 mm x D33 mm
Weight	260g
RF connections	Includes 3 x RG316 cables with N-male connectors (800mm approx. length)
Vibration	According to IEC 60721-3-4
Mounting	Supplied with aluminium wall mount bracket

## ORDERING INFORMATION

IANT218	iANT218 3x3 MIMO dual band Wi-Fi antenna
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