



iANT 215

Omnidirectional low-profile 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

Low profile is ideal for surface mounting, providing good general coverage

Assessed by Extronics engineers as simple apparatus

Low profile for minimal obstruction

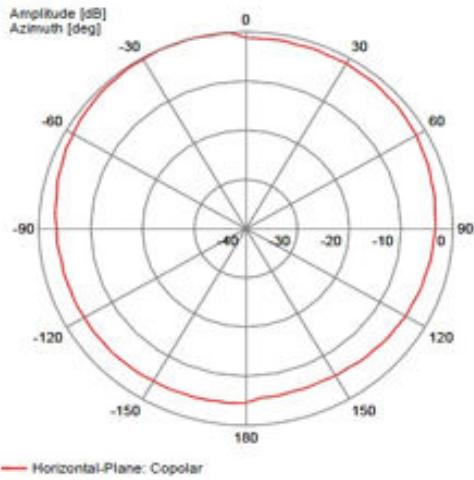
Rugged with wide temperature range - use indoors or outdoors

Omnidirectional coverage with up to 8 dBi gain

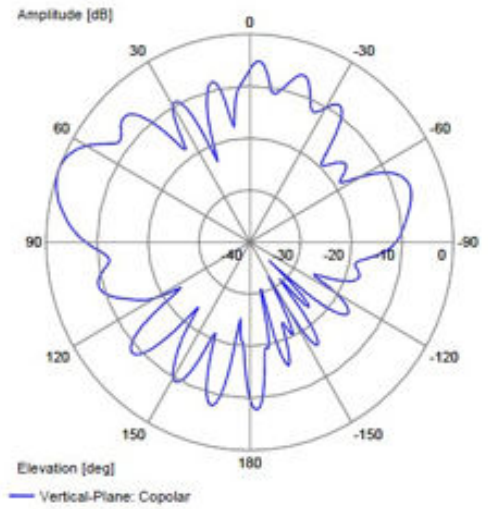
Supplied with stainless steel mounting bracket

Easy to install, no specialist tools needed

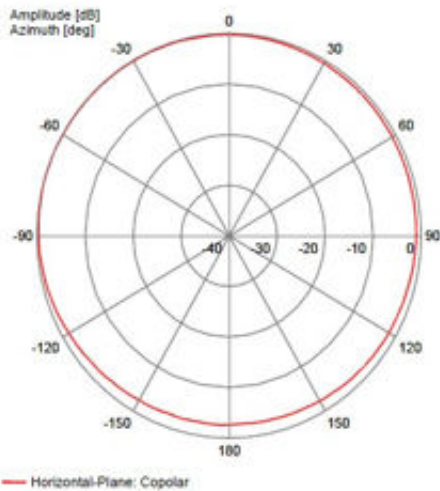
2.4GHz horizontal plane radiation pattern



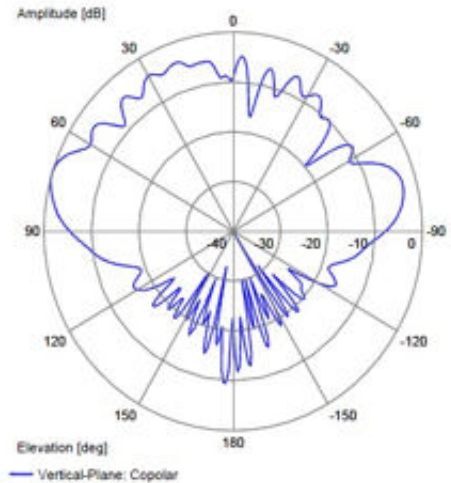
2.4GHz vertical plane radiation pattern



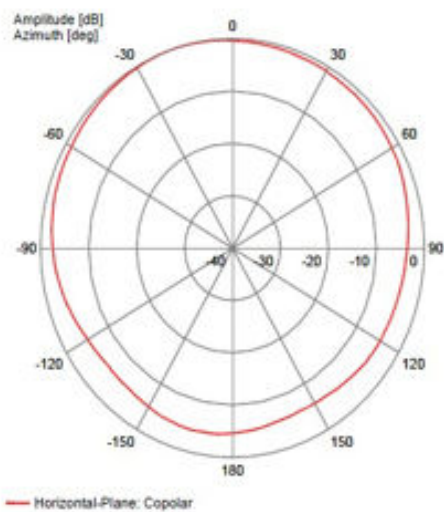
3.55GHz horizontal plane radiation pattern



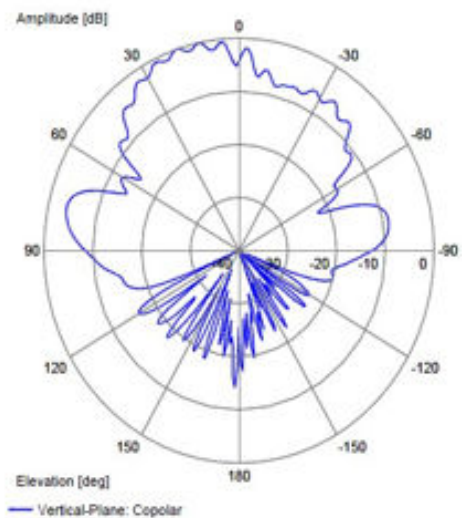
3.55GHz vertical plane radiation pattern



5.2GHz horizontal plane radiation pattern



5.2GHz vertical plane radiation pattern



SPECIFICATION



Frequency range	2400-5470 MHz
Gain	6 / 7 / 8 dBi
VSWR	1.8 / 2 / 1.8
Polarisation	Vertical
Horizontal 3dB beam width	360°
Vertical 3dB beam width	25°
Nominal input impedance	50 Ohms
Composite power max	75W @ 25°C
Wind speed	160 km/h
Radome material	UV stabilised polycarbonate
Radome colour	RAL 7043
Flammability	DIN 5510-2, BS 6853, NF F16-101/102, CEN/TS 45545 (2009)
Ingress protection	IP68
Operating temperature	-40°C to +80°C
Dimensions	H50.6 x D86 mm
Weight	30g
RF connections	N-type jack (female)
Mounting	Supplied with stainless steel wall/pole mount bracket kit

ORDERING INFORMATION

IANT215	iANT215 omnidirectional low profile antenna
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