

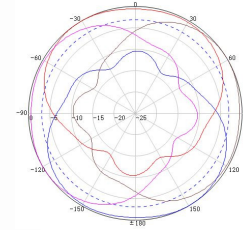
TECHNICAL DATASHEET



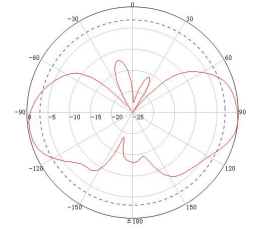
iANT 230



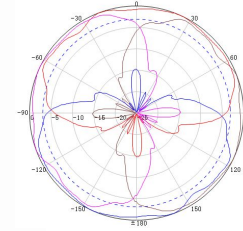
2400-2500MHz Radiational Pattern
H plane



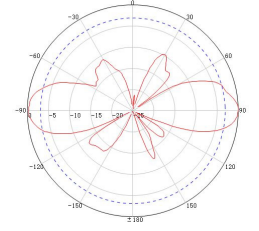
2400-2500MHz Radiational Pattern
V plane



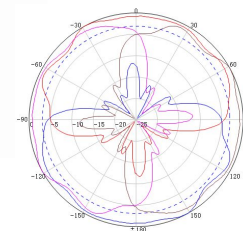
5150-5950MHz Radiational Pattern
H plane



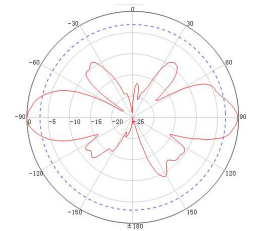
5150-5950MHz Radiational Pattern
V plane



6000-7125MHz Radiational Pattern
H plane



6000-7125MHz Radiational Pattern
V plane



Wi-Fi 6E Tri-Band MIMO 4x4 Omnidirectional 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

Wi-Fi 6E optimized for use in 2.4 GHz, 5 GHz, and 6 GHz Wi-Fi networks as well as in wireless mesh Ethernet systems, providing flexible, high-performance connectivity

Tri-band support (2.4 GHz / 5 GHz / 6 GHz), ideal for current and next-generation Wi-Fi applications, ensuring compatibility and future-proofing

Assessed by
Extronics
engineers as
simple apparatus

Supplied with
cables, connector,
and mounting
bracket

Rugged with
wide temperature
range - use
indoors or
outdoors

Omnidirectional
coverage with up
to 6.0dBi gain

www.extronics.com | info@extronics.com | +44 (0) 1606 738 446

X134593(2)

Disclaimer: Copyright (c) Extronics Ltd. The information contained in this document is subject to change without notice. Extronics cannot be held responsible for any errors or inaccuracies within this document.

Extronics Released

SPECIFICATION

Frequency range	2400-2500MHz / 5150-7125MHz
Polarisation	Vertical
Gain (dBi)	6 / 6 dBi
VSWR	≤2.0
Radiation direction	Omnidirectional
Horizontal Plane 3-dB BW(°)	360° / 360°
Vertical Plane 3-dB BW(°)	50° / 25°
Impedance(Ohm)	50 Ω
Maximum power (W)	50 W
Radome material / Color /	PC (Radome), ABS (Bottom Cover)
Radome Color	White
Mount bracket material	L Bracket: 304 Stainless steel / U bracket : 304 Stainless steel
Mounting Way	Mast or Wall
Ingress protection	IP66
Operating temperature (°C)	-40 to +60 °C
Storage temperature (°C)	-50 to +75 °C
Rated Wind Velocity (m/s)	40 m/s
Humidity	5 to 95%
Dimensions	Φ145 * 173 (±3)
Weight (Antenna/Bracket) (kg)	0.7 / 0.5 kg
RF connections	N-type Plug
Connection Position	Bottom
Exposed cable (mm)	920±10
Mast Diameter (mm)	Φ30~Φ50 mm

ORDERING INFORMATION

iANT230

iANT230 Wi-Fi 6E Tri-Band MIMO 4x4 Omnidirectional antenna with N-type Plug connector and mounting bracket kit