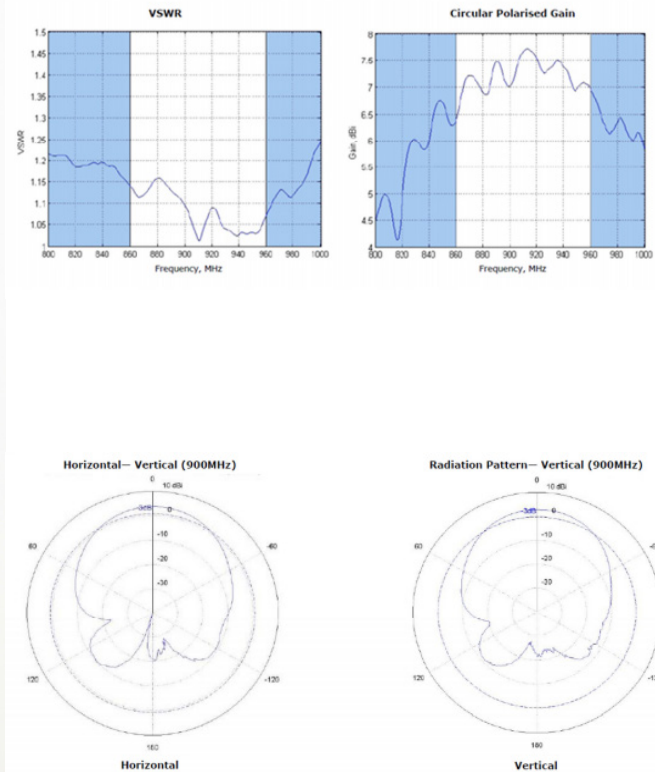


## iANT 217



### Omnidirectional simple apparatus UHF 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

Ideal for a range of RFID applications, the iANT217 allows RFID tags to be read in any orientation

Circular polarisation makes it suitable for use with UHF RFID tag readers such as the iRFID101

Assessed by Extronics engineers as simple apparatus

UHF antenna with circular polarisation

Rugged with wide temperature range - use indoors or outdoors

Omnidirectional coverage with up to 7 dBi gain

Pole mount bracket available separately

Easy to install, no specialist tools needed

# SPECIFICATION



Frequency range	860-960MHz
Gain (max)	7dBi (+/- 1dB)
Gain (min over the band)	6.5dBi (+/- 0.5dB)
VSWR	< 1.3:1
Polarisation	Circular
Axial ratio	< 1dB
Feed power handling	10 W
Horizontal 3dB beam width	67° (± 5°)
Vertical 3dB beam width	69° (± 5°)
Front to back ratio	20 dB (± 3dB)
Nominal input impedance	50 Ohms
Temperature range	-20°C to +70°C
Shock resistance	40G at 10msec
Thermal shock resistance	-20°C to +70°C
Wind loading	160 km/h
Ingress protection	IP66 (NEMA 4X)
Dimensions	H252 mm x W252 mm x D57 mm
Weight	470g
RF connections	Supplied with 0.3m RG58 cable & N-female connector (mounting bracket not included)

# ORDERING INFORMATION

IANT217	iANT217 UHF circular polarised antenna
IANTMB217	Pole mount bracket for iANT217