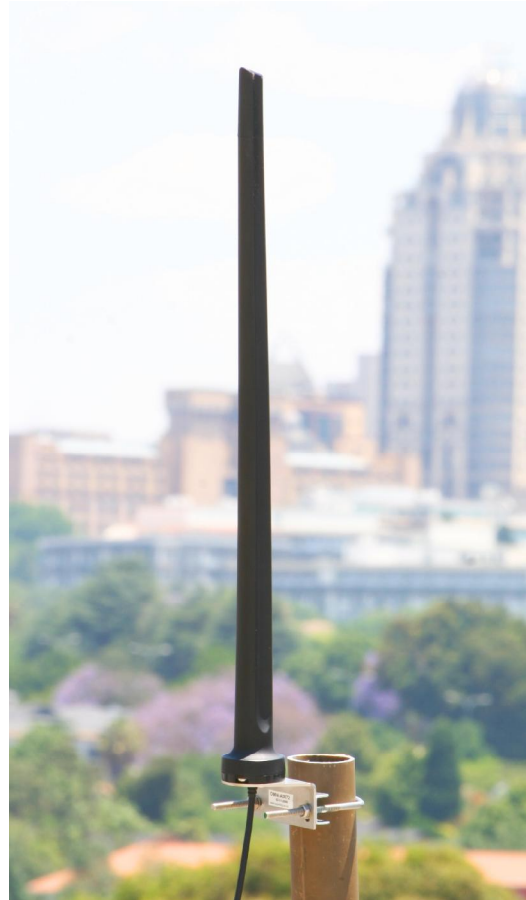


iBurst 1800MHz 7dBi Omnidirectional Antenna

Operating Frequency -1760MHz - 1810MHz
Product code: Product Code OMNI-A0072



This antenna covers 1787MHz to 1797MHz iBurst bands. The antenna has been designed to be suitable for outdoor use and is easy to install.

Features:

- Improves iBurst coverage and data rates
- Outdoor weatherproof antenna
- Lightweight and easy to install

Application:

- 1760 to 1810MHz iBurst

Specifications:

Product Code:

OMNI-A0072

5m HDF 195 cable with SMA(m) connector

Electrical:

Gain (max)	7.5 dBil (+-0.5 dB)
Gain (min over the band)	6.0 dBil (+-0.5 dB)
Frequency	1760 - 1810 MHz
VSWR	< 2:1
Feed power handling	10 W
E-plane 3 dB beamwidth	15° (± 5°)
H-plane 3 dB beamwidth	360°
Axial Ratio	N/A
Nominal input impedance	50 Ohm
Polarisation	Linear (Vertical)

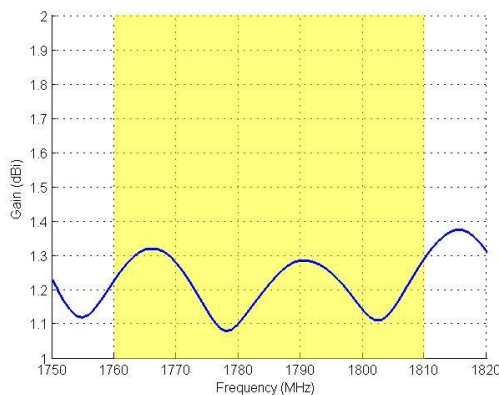
Environmental:

Wind Loading	160 km/h
Temperature Range	- 20° C to +70° C
Shock	40G at 10 msec
Thermal Shock	- 20° C to +70° C : 10 cycles
Water Ingress Rating	IP66 (NEMA 4X)

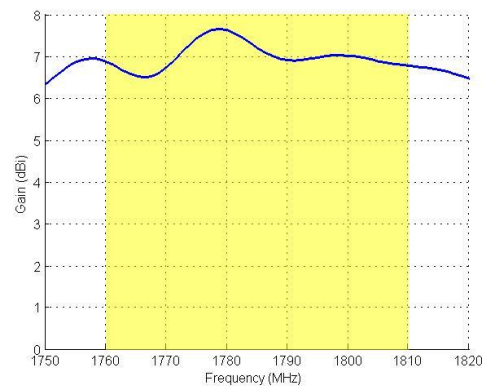
Mechanical:

Dimensions (l x w x d)	550 mm x 50 mm x 50 mm
Weight	0.3 kg
Mounting	Stainless Steel brackets for wall or pole mount

VSWR and Gain Pattern:

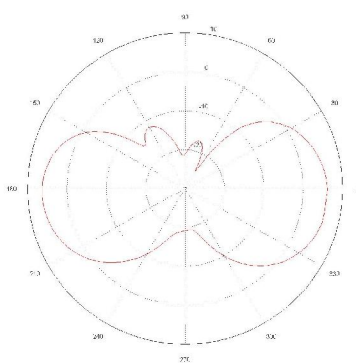


VSWR

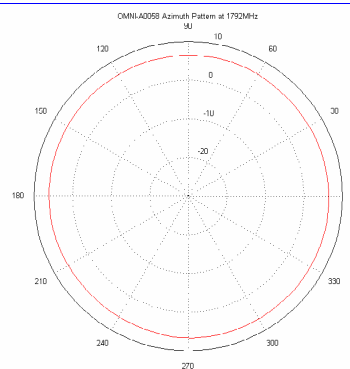


Gain

Radiation Patterns



E-Plane



H-Plane