

Product datasheet

2 dB Omnidirectional Antenna

Product code: RFT-OMV-02-8690
Version: 01.2008

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Application: UHF RFID

- Ideally suited for rugged UHF RFID Application
- Maintains excellent RF performance across frequency band
- Rugged, weather proof construction
- Suitable for in-door or outdoor use

Technical specification

Electrical

Frequency Band:	860 - 900 MHz (ETSI)
Gain:	2 dBi minimum
Polarisation:	Vertical
Beamwidth Horizontal Plane:	360° (Omni)
3 dB Beamwidth Vertical Plane:	78°
Nominal Impedance:	50 Ohm
VSWR:	1.5:1.0 max.
Maximum Input Power:	80 W
Connector Type:	N-Type Female.

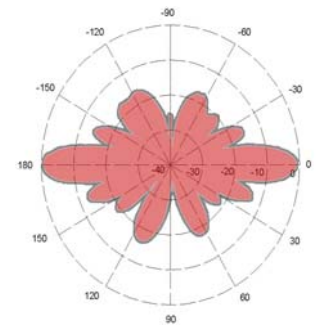
Application:	UHF RFID
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Mechanical

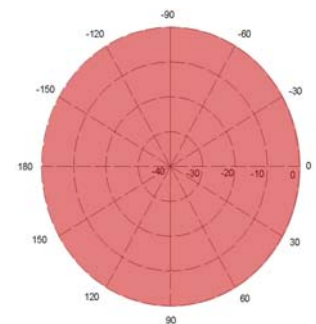
Width (Nominal):	30 mm (1.2 in)
Height (Nominal):	250 mm (9.8 in)
Weight:	0.25 Kg (0.5 lbs)
Operating Temperature:	-30° C to + 60° C
Wind Loading:	130 mph (210 km/h)

Materials

Covering Material:	UV stabilised ABS Plastic
Colour	Grey
Mounting Method	One through hole mounting (16 mm dia.) to flat surface (As standard) or through Galvanised steel bracket set for mast or pole mounting 1.2 - 2.5 in (30 - 62 mm). (Optional) Comes complete with all mounting hardware



Vertical Plane Cut



Horizontal Plane Cut

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