

**Product datasheet**

# 8 dB, Linearly Polarised Directional Antenna

**Product code:** RFT-DPL-08-8690

**Version:** 02-.2008

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**RFTECHNICS.COM**
**Application:** UHF RFID mobile and fixed portal applications for rugged environments

- Linearly polarised antenna
- Maintains excellent RF performance across frequency band
- Rugged, weather proof construction
- Suitable for in-door or outdoor use
- Covers the ISM band (Europe)

**Technical specification**
**Electrical**

Frequency Band:	860 - 900 MHz
Gain:	8 dBi
Polarisation:	Linear
3 dB Beamwidth Horizontal Plane:	65°
3 dB Beamwidth Vertical Plane:	70°
Nominal Impedance:	50 Ohm
VSWR:	1.5:1.0 max.
Maximum Input Power:	10 W
Connector Type:	N-Type Female.

Application:	RFID fixed and mobile portals in rugged environments
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**Mechanical**

Appearance:	Flat Panel
Size (W x H x D):	300 mm x 300 mm x 50 mm
Weight::	0.7 Kg (1.5 lbs)
Operating Temperature:	-30° C to + 60° C
Wind Loading:	130 mph (210 km/h)

**Materials**

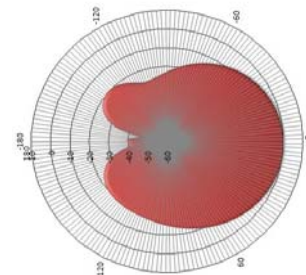
Covering Material:	UV stabilised ABS Plastic
Colour	White
Mounting Method	Galvanised steel bracket set for mast or pole mounting 1.2 - 2.5 in (30 - 62 mm). Comes complete with elevation tilt angle mechanism



Front View of antenna showing coaxial cable and N-type Connector



Pole mount tilting bracket fitted to antenna



Horizontal Plane Cut

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