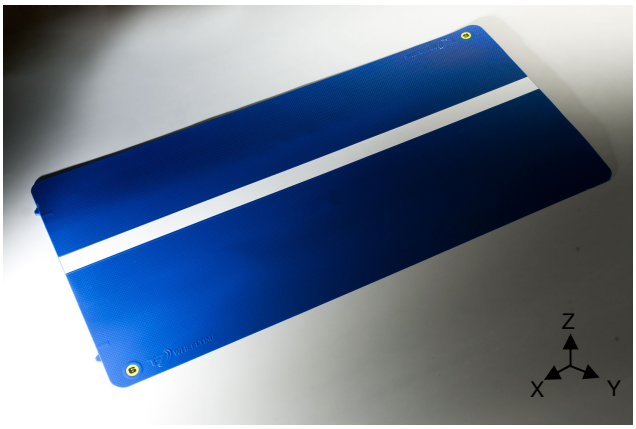
SlimLine A5530

GROUND MAT LINEAR POLARISED UHF ANTENNA

Overview

The SlimLine A5530 is an ultra-low profile ground mat antenna. Its total thickness is just 12 mm. Two versions are available, one for the (ETSI) 864 MHz – 869 MHz band and one for the US (FCC) 902 MHz – 928 MHz band.



Applications

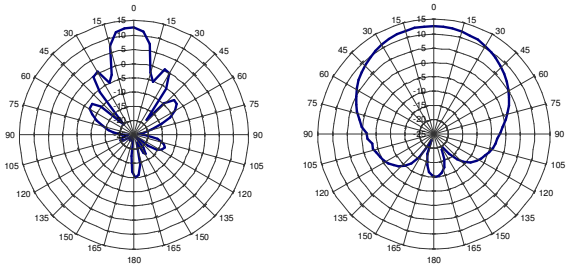
- UHF RFID applications optimized for moving products or assets, in particular where side antennas are unsuitable.
- Rugged, durable design suitable for industrial applications

Mechanical/Environmental Specifications

- Moulded polyurethane housing
- IP rating: IP66
- Dimensions: L: 1220mm W: 600mm H: 12mm
- RF connector: SMA female is standard
- Cable length: Tail is 30mm
- Operation and storage temperatures: 0°C to + 50°C, - 30°C to + 60°C

Electrical Specifications

- Polarisation: Linear
- Farfield gain: 10 dBi
- Farfield 3dB beamwidth: 70° in XZ and 25° YZ planes
- Front to back ratio: 20dB
- VSWR across frequency band of operation <1.8:1
- Impedance: 50 Ω
- Anti-static protection
- Maximum power 6W conductive



XZ plane YZ plane

E-field elevation and azimuth patterns

Ordering

Please quote both product code and part number.

Product Code	Band	Part No.
A5530	ETSI	70887
A5530	FCC	70890

www.times-7.com/products/antennas

Contact details:

P: +64 4 569 1500
F: +64 4 569 1400
E: info@times-7.com

69 Gracefield Road
Lower Hutt 5010
New Zealand