

SlimLine A6034

CIRCULAR POLARISED UHF ANTENNA

Overview

The SlimLine A6034 is an ultra-low profile circular polarised flat panel antenna. Its total thickness is just 12 mm (0.5 inch).

Applications

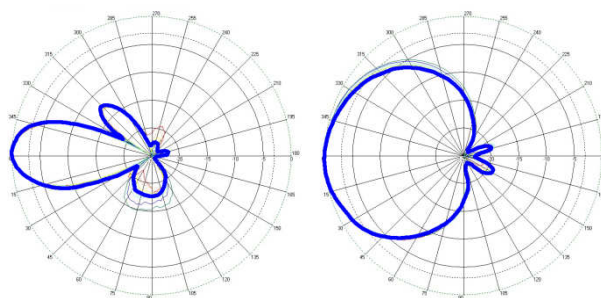
- RFID applications requiring a high-capacity read zone and long read range antenna (up to 9m / 29ft).
- Easy mounting for dock doors, ceilings, walls and portals
- Rugged design suitable for industrial applications

Mechanical/Environmental Specifications

- Integrated mounting holes, no accessory required
- Radome material: Kydex
- IP rating: IP65
- Dimensions: L: 747mm W: 314mm H: 12mm
29.4x12.4x0.5 inches
- RF connector: SMA female is standard
- Cable length: Tail is 300mm
- Operation and storage temperatures: -20°C to +55°C, -30°C to +65°C
- Weight 2.2kg (4.8 lb)

Electrical Specifications

- Polarisation: Circular, left
- Farfield gain: 9dBic (6 dBi linear)
- Farfield 3dB beamwidth: 25° in vertical, 81° in horizontal
- Front to back ratio: 25dB
- Axial Ratio: <2dB at boresight
- VSWR across frequency band of operation <1.4:1
- Impedance: 50 Ω
- Anti-static protection



Vertical

Horizontal

Circular polarized E-field elevation and azimuth patterns

Ordering

Please quote both product code and part number.

Product Code	Band	Part No.
A6034	ETSI	70803
A6034	FCC	70809

*Datasheet
Version 1.9*

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