

## Alien ALR-8696-C Antenna: CP right, cabel 6m, 865-960 MHz, IP54, 8.5 dBi

Broadband circularly polarized UHF RFID single port antenna with high gain and extremely low return loss (VSWR).

ALR-8696-C: broadband RFID antenna, UHF 865-960 MHz



Wide frequency range UHF enables the global use of RFID antennas, reduce costs and simplify RFID infrastructure. ALR-8696-C can be installed throughout an enterprise, in the environment, of production halls and warehouses, or any door entry application. The antenna is certified for fixed readers RFID UHF Alien, with which achieves maximum performance.

### Main features of RFID antennas Alien ALR-8696-C:

- high gain 8.5 dBi
- low profile
- indoor and outdoor applications, military specifications MIL-STD-810G



# Technical Description

Functionality & Operation	
Frequency	UHF: 865 - 956 MHz
Maximal transmit power	2W
Polarization	RHCP
Connectors	Type "N" female
Electrical	
Return loss (VSWR)	1.4:1
Nominal impedance	50ohm
Gain	8.5dBi
Beam width	65° horizontal, 3 dB, 65° vertical, 3 dB
Axial ratio	1.2dB
Front to back ratio	20dB
Mechanical	
Dimensions	Width: 259.1mm, Height: 259.1mm, Length: 36.7mm
Weight	1.13kg
Environment	
Operating temperature	-25 to 70°C
Ingress protection	IP54

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