

AN480L RFID Antenna: CP left, 865-956 MHz, IP54, 6 dBi

The AN480 single port antenna offers maximum performance and flexibility. The low axial ratio is nearly 50 percent lower than typical competitive devices, delivering a more uniform gain — and better performance.

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Wide frequency range UHF enables the worldwide use of RFID antennas, reduce costs and simplify RFID infrastructure. AN480 can be installed throughout the enterprise environment factory buildings and warehouses, or any door entry receiving application. As with all antennas Motorola, Motorola AN480 uses a standard bracket - as the first antenna assembly, and replace the original antenna for Motorola AN480 is very simple and easy.

The main properties of RFID antennas Motorola AN480:

- 6 dBi high gain
- maximum performance
- flexibility
- indoor and outdoor us



Technical Description

Functionality & Operation

Polarization	LHCP
Frequency	UHF: 865 - 956 MHz
Connectors	Type "N" female
Maximal transmit power	2W

Electrical

Return loss (VSWR)	1.3:1
Axial ratio	1.5dB
DC resistance	10000ohm
Gain	6dBi
Front to back ratio	18dB
Nominal impedance	50ohm
Beam width	65° horizontal, 3 dB
Beam width	65° vertical, 3 dB

Mechanical

Body housing	aluminium
Dimensions	Width: 259.1mm, Height: 259.1mm Length: 50.3mm
Weight	1.13kg

Environment

Ingress protection	IP54
Vibrations resistance	IEC-68

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