





Echo-6P-Stationary-UHF-Patch-Antenna-UHF-RTNC-EU
Circular Polarized
UHF RFID Patch Antenna
868 MHz
165 x 160 x 30 mm

Powered by



Product Description:	UHF RFID Long Range antenna to be connected to LR or MX PULSAR UHF readers for single or bulk reading of UHF RFID tagged textiles and other UHF RFID tagged goods.	
RFID UHF TAGs/Chips supported:	865...868 MHz: ALIEN Higgs Series, Impinj Monza Series, NXP U-Code Series Class 1 Gen 2 EPC TAGs	
Read Range:	Up to 6 - 12 m	(Depends on RFID TAG type/shape)
Frequency-Standard: - Bandwidth:	865...868 MHz	850...880 MHz
Antenna Connector: Antenna Gain:	R-TNC	approx. 6,5 dBi circular
3 dB Angular Width: Impedance:	approx. 84°	50 Ω
Dimensions Housing: Ingress Protection:	165 x 160 x 30 mm	IP65
Operating/Storage Temperature:	-20°C ... + 75°C	-20°C ... + 75°C
Certification:	 ETSI 302 208  Made in Germany	RoHS ✓
Part Description:	Echo-6P-Stationary-UHF-Patch-Antenna-UHF-RTNC-EU	Part-No.: 123457436

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This Echo-6P UHF RFID antenna is a compact circularly polarized UHF RFID antennas for the European UHF RFID frequency range at 868 MHz. With a gain of approx. 6,5 dBic and an angular width of about 84° the antenna may be operated with up to 33 dBm ERP allowing reading distances of up to 6 -12 m with a high power RFID reader/writer like the PulsarMX or PulsarLR which could be connected with the right coax cables with R-TNC connector.

The compact size is only 165 x 160 x 30 mm not counting the Reverse-TNC connector at the bottom.

The housing is made from Nylon (PA6) with 30% glass fibre which has excellent mechanical properties and is resistant to many chemicals. In the back, the housing is closed by a solid aluminum plane that shields the antenna against unwanted influences from the surrounding environment. The backplane has riveted threads that can be used to mount the antenna with any 100 x 100 mm VESA compatible mount.

Applications:

- ◆ Access Control
- ◆ Antitheft Alarm System
- ◆ Read of UHF RFID TAGs.
- ◆ Industrial ID and logistics
- ◆ Bulk reading of tagged textiles and other tagged items
- ◆ Easy inventory
- ◆ Your application

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