

ID ANT.U290/290 / ID ANT.U580/290

Robust UHF RFID Antennas

- Circular polarization for optimized reading performance
- IP65 for outdoor applications
- Robust and high-quality design
- TNC connectors
- VESA connection
- Secondary safety (optional)
- ID ANT.U580/290: 30° beam width, particularly suitable for vehicle identification and Free Flow Tolling systems

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Circular polarized allrounder

The UHF antennas from FEIG ELECTRONIC are characterized by their high performance and precise tuning for the various UHF operating frequencies. Separate versions are available for the European frequency band in the range from 865 MHz to 868 MHz as well as for the FCC band from 902 MHz to 928 MHz.

The circular polarization of the antennas allows an identification of transponders in different orientations. Thus, for example, a 3-dimensional identification of transponders can be realized in a gate application by intelligent alignment of the antennas.

Modern and robust

With the combination of elegant design and high protection class IP65 the antennas can be used for both, indoor applications and outdoor applications.

Each antenna convinces by individual properties, so for each kind of application a suitable antenna is available. The development of customized antennas is possible on demand.



UHF Long Range Antennas for various applications

UHF RAIN antennas from FEIG ELECTRONIC offer greatest possible variability with elegant design and robust appearance.

Product details		UHF Antennas	
	ID ANT.U290/290	ID ANT.U580/290	
Dimensions	288 mm x 288 mm x 65 mm*	576 mm x 288 mm x 80 mm*	
Housing	PC / Aluminium		
Colour	Anthracite, translucent		
Weight	1550 g	3850 g	
Protection class	IP65		
Gain	approx. 9 dBic	approx. 11 dBic	
3 dB beam width	65° x 65°	30° x 65°	
Polarization	circular		
Antenna connection	TNC socket (50 Ohm)		
Temperature range			
Operation	-25° C up to 55° C		
Storage	-25° C up to 80° C		

* Tolerances $\pm 0,5$ mm

Suitable to be used with the following FEIG UHF Readers:



UHF Compact Reader
ID LRU500i
ID MAX.U500i

Readers need cable type C



UHF Long Range Reader
ID ISC.LRU1002
ID ISC.LRU3x00
ID MAX.LRU1002

Readers need cable type B



UHF Mid Range Reader
ID ISC.MRU102
UHF Mid Range Reader Module
ID ISC.MRMU102

Readers need cable type B

Accessories:



Antenna cable, 2m
Type B: SMA/TNC
Type C: TNC/R-TNC



Antenna cable, 6m
Type B: SMA/TNC
Type C: TNC/R-TNC



VESA mounting bracket

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