

ID ANT.U280/210

UHF FLAT-PANEL ANTENNA

- Circular polarization for the best possible performance
- Ultra-flat like a Tablet PC (8 mm only)
- Up to 4 m read range

Strong in a small space

The UHF flat antenna ID ANT.U280/210 is a high performance antenna with a very low overall height: with a height of just 0.8 cm, it can be installed and used anywhere where things get really tight.

The reading range of up to 4 m is not at all tight – this means that Smart Shelf applications, for example, can be conveniently implemented.

Versatile use

The flat antenna has integrated mounting holes and can therefore not only be used lying down, but also easily attached to a flat surface. This leads to a wide range of possible applications.

This includes

- › Workplace applications in industry, production and retail
- › Applications with very narrow, restricted space for installation
- › Smart Shelf applications



UHF FLAT-PANEL ANTENNA FOR VARIOUS APPLICATIONS

Ultra-flat and ultra-strong – with a reading range of up to 4 m, all paths are open.

Technical data

Dimensions (w x h x d)	275 mm x 214 mm x 8 mm
Weight	500 g
Housing	ABS, fire-retardant
Color	black
Protection class	IP54
Gain	approx. 5 dBic
3 dB beam width	60° x 80°
Polarization	circular (RHCP)
Antenna connector	SMA (female)
Operating frequencies	
Variant EU	865 MHz up to 868 MHz
Variant FCC	902 MHz up to 928 MHz
Temperature range	
Operation	-20 °C up to +55 °C
Storage	-30 °C up to +65 °C



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Suitable to be used with the following FEIG UHF readers

ID LRU500i	UHF Long Range Reader (needs cable type B)
ID MAX.U500i	
ID LRU1002	UHF Long Range Reader (needs cable type A)
ID LRU3000/ID LRU3500	
ID MAX.U1002	
ID MRU102	UHF Mid Range Reader (needs cable type A)
ID MRMU102	UHF Mid Range Reader Module (needs cable type A)

Accessories

ID ANT.C2-A	UHF antenna cable SMA / SMA 2 m
ID ANT.C2-B	UHF antenna cable SMA / TNC 2 m
ID ANT.C6-A	UHF antenna cable SMA / SMA 6 m
ID ANT.C6-B	UHF antenna cable SMA / TNC 6 m