

TA FRE U250 / 250-EU / -FCC



Product description:

- This UHF antennas TA FRE U250/250-EU/-FCC are circular polarized antennas for operating frequencies in the UHF ranges 865 – 868 MHz (EU antenna) & 902 – 928 MHz (FCC antenna).
- Due to an integrated multiplexer, some long range readers can be connected with up to four UHF antennas.
- Due to the antennas' circular polarization, transponders can be identified in two different orientations.
- Two antenna cables available (2 m and 6 m)
- Mounting set for easy installation available

<u>Technical specification</u>	
Dimensions (WxHxD):	260 x 260 x 56 mm
Housing:	Plastic
Color:	Papyrus white (similar RAL 9018)
Weight:	approx. 1.050 g
Protection class:	IP 54
Operating frequency:	- EU antenna: 865 – 868 MHz - FCC antenna: 902 – 928 MHz
Gain:	- EU antenna: 9,0 dBic - FCC antenna: 8,7 dBic
3 dB beam width:	65° x 65°
Polarization:	circular
VSWR:	< 1,5 : 1
Antenna connection:	SWA socket (50 Ohm)
Temperature range:	Operation: -25°C up to +55°C Storage: -25°C up to +85°C
<u>Information about the mounting set</u>	
Maximum clamping range:	30 – 60 mm
Material:	Aluminum, steel-galvanized
Weight:	380 g
Orientation:	Changeable in three directions
Order number:	E4002.000053 TA FRE U250/250-EU
	E4002.000054 2 m Antenna cable
	E4002.000055 6 m Antenna cable
	E4002.010024.BF Mounting Set
	Variant TA FRE U250/250-FCC only on request

