



- Rectangular, height 140 mm
- Passive UHF Antenna
- Polarized circular
- Device suitable for global operation (EU and FCC) at 865...928 MHz

Functional principle

The UHF read/write heads form a transmission zone, the size of which may vary depending on the combination of read/write head and data carrier used.

Attainable distances may vary due to component tolerances, mounting conditions, ambient conditions and material qualities, especially when mounted in metal.

Testing of the application under real operating conditions is therefore essential, especially with on-the-fly reading and writing!

Type designation	TN-UHF-ANT-Q140-EU-NA
Ident no.	100003864
Operating frequency	865...928 MHz
Antenna polarization	RHCP
Antenna gain ETSI	4.50.5
Antenna gain FCC	5.50.5
Antenna HPBW	85°
Ambient temperature	-55...+70 °C
Storage temperature	-55...+70 °C
Dimensions	140x 140x 26mm
Housing material	Plastic
Protection class	IP67
Electrical connection	RP-TNC
Input impedance	50 Ohm
Packaging unit	1

Accessories

Type code	Ident no.	Description	Dimension drawing
T-UHF-CBL-RG58-RPTNC-5-RPTNC	100004374	RG58 coaxial cable, length 5 m, RP-TNC to RP-TNC	