



- Rectangular, height 190 mm
- Passive UHF Antenna
- Polarized circular
- Device only suitable for operation within the European Union (EU) at 865...868 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-Q190-EU
Ident no.	100003863
Usage region (UHF)	Europe, India (865...868 MHz)
Antenna polarization	LHCP
Antenna gain ETSI	80.5
Antenna HPBW	75°
Ambient temperature	-55...+70 °C
Storage temperature	-55...+70 °C
Dimensions	190x 190x 30mm
Housing material	Plastic
Protection class	IP67
Electrical connection	N-Female
Input impedance	50 Ohm
Packaging unit	1

Accessories

Type code	Ident no.	Description	Dimension drawing
T-UHF-CBL-RG58-RPTNC-2-N-M	100004371	RG58 coaxial cable, length 2 m	
T-UHF-CBL-RG58-RPTNC-4-N-M	100004372	RG58 coaxial cable, length 4 m	
T-UHF-CBL-RG58-RPTNC-6-N-M	100004373	RG58 coaxial cable, length 6 m	
T-UHF-CBL-RG213-RPTNC-2-N-M	100004368	RG213 coaxial cable, length 2 m	
T-UHF-CBL-RG213-RPTNC-4-N-M	100004369	RG213 coaxial cable, length 4 m	
T-UHF-CBL-RG213-RPTNC-6-N-M	100004370	RG213 coaxial cable, length 6 m	

Accessories

Type code	Ident no.	Description	Dimension drawing
T-UHF-CBL-RG213- RPTNC-12-N-M	100004367	RG213 coaxial cable, length 12 m	