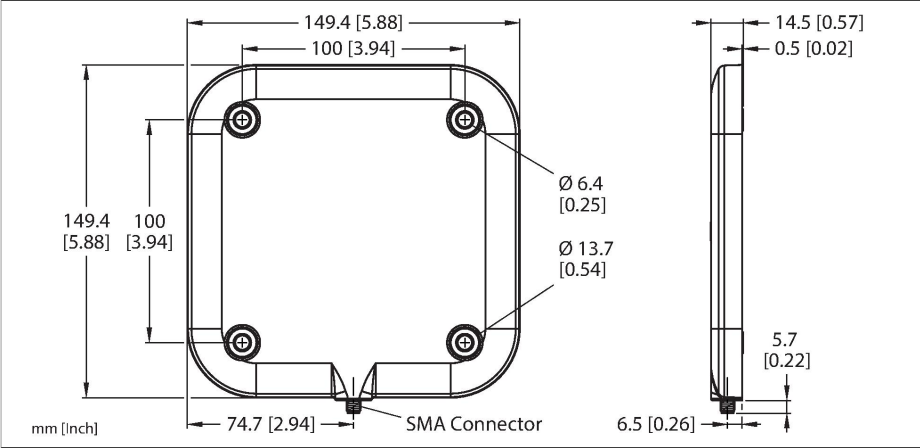


TN-UHF-ANT-Q150-MR-ETSI

Accessories – External Passive UHF Antenna



Technical data

Type	TN-UHF-ANT-Q150-MR-ETSI
ID	100047588
Region (UHF)	ETSI (865...868 MHz)
Antenna polarization	RHCP
Antenna gain ETSI	-3 dBic
Antenna HPBW	115°
Ambient temperature	-40...+65 °C
Storage temperature	-40...+65 °C
Dimensions	150 x 150 x 14.5 mm
Housing material	Polycarbonate/ABS
Protection class	IP67
Electrical connection	SMA
Input impedance	50 Ohm
Packaging unit	1

Features

- Passive mid-range antenna, compatible with VESA 100 brackets

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 tag 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!

Accessories

TN-UHF-ACCSY-Q150-PROTECT	100028607
Protective plate for SMA connector of TN-UHF-ANT-Q150... antenna	

Technical drawing of the TN-UHF-ACCSY-Q150-PROTECT protective plate. It shows a square plate with a central hole for the SMA connector. Dimensions include: overall width 150 [5.91] mm, inner width 100 [3.94] mm, overall height 150 [5.91] mm, inner height 100 [3.94] mm, and a central square area of 74.7 [2.94] mm. The plate is labeled 'TN-UHF-ACCSY-Q150-PROTECT'.

Accessories

Dimension drawing	Type	ID	
Technical drawing of the TN-UHF-CBL-HF240-RPTNC-1-SMA cable, showing a length of 1 m.	TN-UHF-CBL-HF240-RPTNC-1-SMA	100028191	HF240 coaxial cable, length 1 m
Technical drawing of the TN-UHF-CBL-HF240-RPTNC-2-SMA cable, showing a length of 2 m.	TN-UHF-CBL-HF240-RPTNC-2-SMA	100028192	HF240 coaxial cable, length 2 m

Dimension drawing	Type	ID	
	TN-UHF-CBL-HF240-RPTNC-4-SMA	100028193	HF240 coaxial cable, length 4 m
	TN-UHF-CBL-HF240-RPTNC-6-SMA	100028194	HF240 coaxial cable, length 6 m
	TN-UHF-CBL-HF240-RPTNC-8-SMA	100028195	HF240 coaxial cable, length 8 m
	TN-UHF-CBL-HF240-RPTNC-10-SMA	100028196	HF240 coaxial cable, length 10 m
	TN-UHF-CBL-HF240-RPTNC-12-SMA	100028197	HF240 coaxial cable, length 12 m