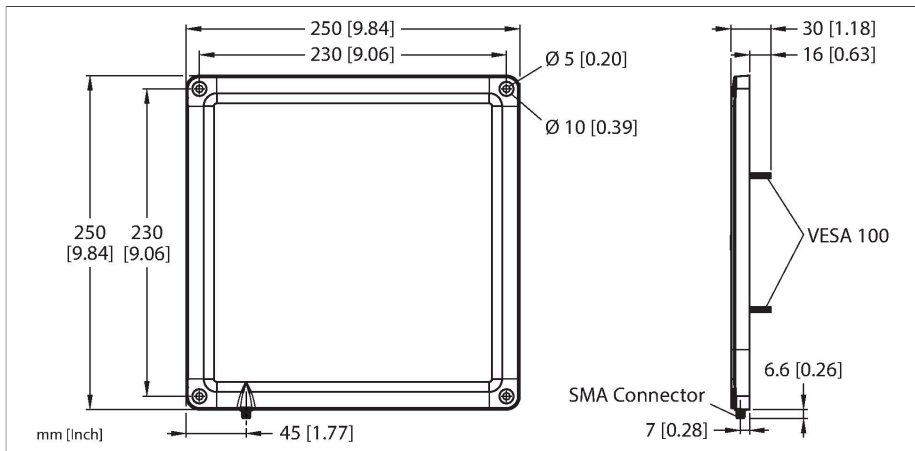


# TN-UHF-ANT-Q250-ETSI

## Accessories – External Passive UHF Antenna



### Technical data

Type	TN-UHF-ANT-Q250-ETSI
ID	100028599
Region (UHF)	ETSI (865...868 MHz)
Antenna polarization	RHCP
Antenna gain ETSI	8.5 dBic
Antenna HPBW	68°
Ambient temperature	0...+65 °C
Storage temperature	0...+65 °C
Dimensions	250 x 250 x 30 mm
Housing material	Polycarbonate/ABS
Protection class	IP67
Electrical connection	SMA
Input impedance	50 Ohm
Packaging unit	1

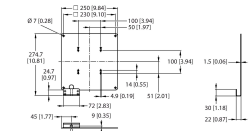
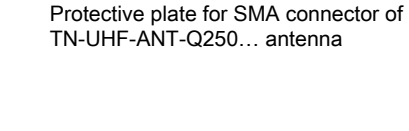
### Features

- Passive far-field antenna, compatible with VESA 100 brackets



### Functional principle


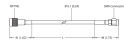



The UHF read/write heads form a transmission zone, the size of which may vary depending on the combination of read/write head and tag used. Attainable distances may vary due to component tolerances, mounting conditions, ambient conditions and material qualities, especially when mounted in metal. Testing of the application under real operating conditions is therefore essential, especially with on-the-fly reading and writing!

### Accessories

TN-UHF-ACCSY-Q250-PROTECT	100028606	TN-UHF-ACCSY-VESA100-MOUNT	100029071
	Protective plate for SMA connector of TN-UHF-ANT-Q250... antenna		VESA100 bracket

### Accessories

Dimension drawing	Type	ID	
	TN-UHF-CBL-HF240-RPTNC-1-SMA	100028191	HF240 coaxial cable, length 1 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