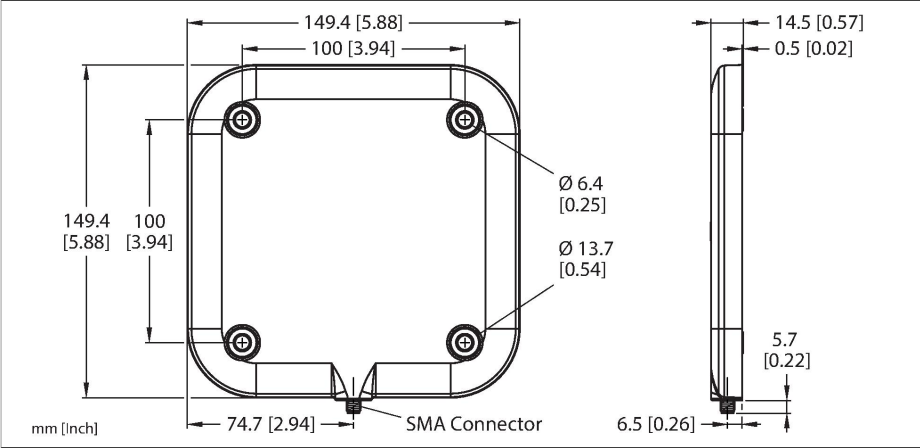


TN-UHF-ANT-Q150-FCC

Accessories – External Passive UHF Antenna



Technical data

Type	TN-UHF-ANT-Q150-FCC
ID	100028596
Region (UHF)	FCC (902...928 MHz)
Antenna polarization	RHCP
Antenna gain FCC	5.5 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

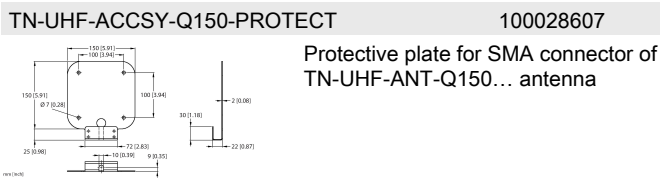
Features

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

Functional principle

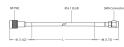
The UHF read/write heads form a transmission zone, the size of which may vary depending on the combination of read/write head and tag used. Attainable distances may vary due to component tolerances, mounting conditions, ambient conditions and material qualities, especially when mounted in metal. Testing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

Accessories



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