

2JD0710-398-C728N

TETRA/UHF Connector Mount Antenna

Key Features

TETRA/UHF Antenna

- 398 MHz

Connector Mount

Ground Plane Independent

Dipole Antenna

Narrowband Antenna

**Tunable to Desired Center Frequency
within 380-470 MHz per request**

Dimensions Ø 13.6 × 138 mm



1. Antenna and electrical specifications

Parameters	TETRA/UHF Antenna
Standards	TETRA/UHF
Band (MHz)	390, 420, 460
Frequency (MHz)	398 Default (Tunable to Desired Center Frequency within 380-470 MHz per request)*
Bandwidth (MHz)	10
Return Loss (dB)	~4.6
VSWR	~6.0:1
Efficiency (%)	~38
Peak Gain (dBi)	~1.2
Average Gain (dB)	~4.4
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	25
Connector Type	SMA-Male Standard

*Subject to specific MOQ - contact us for more details

Antenna Measurement Conditions:

Free Space

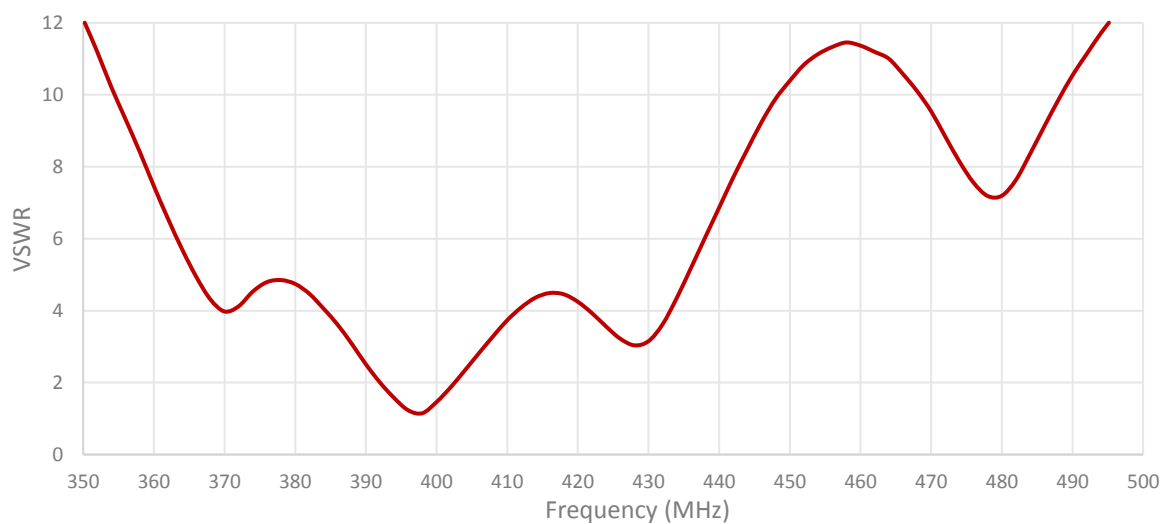
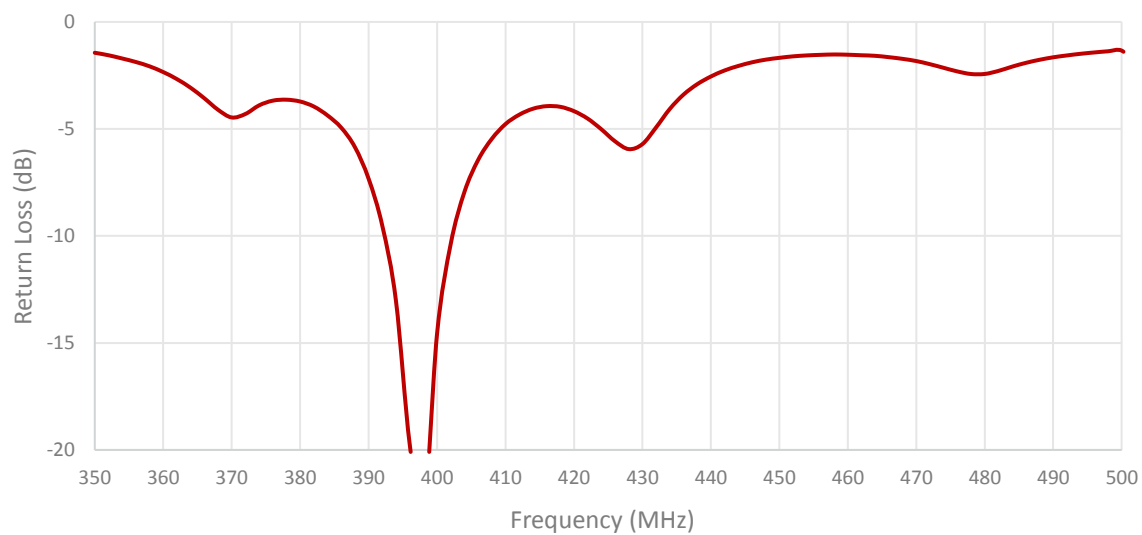
200cm of RG174 Cable

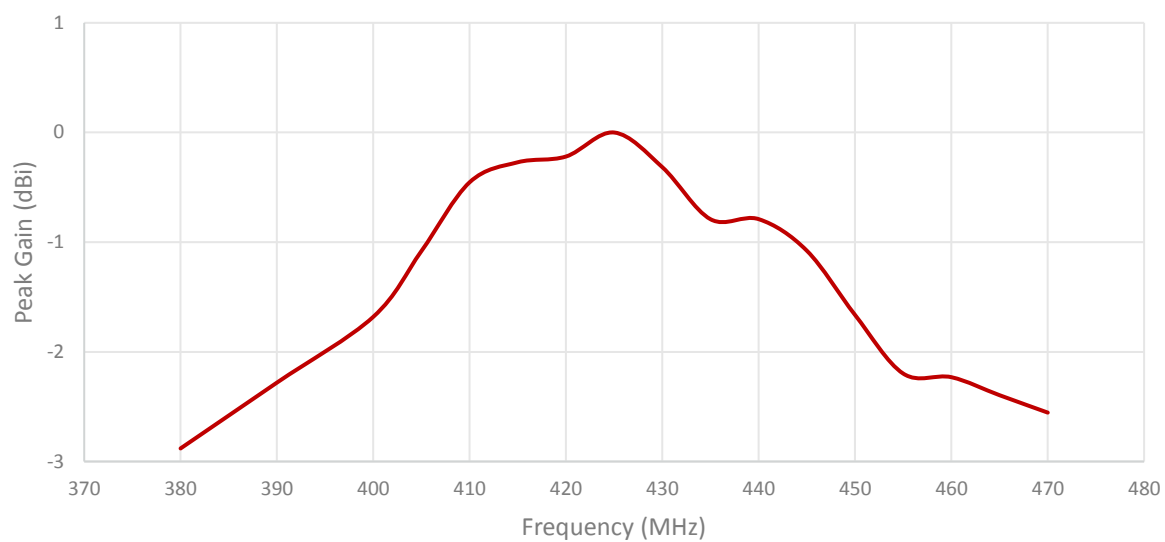
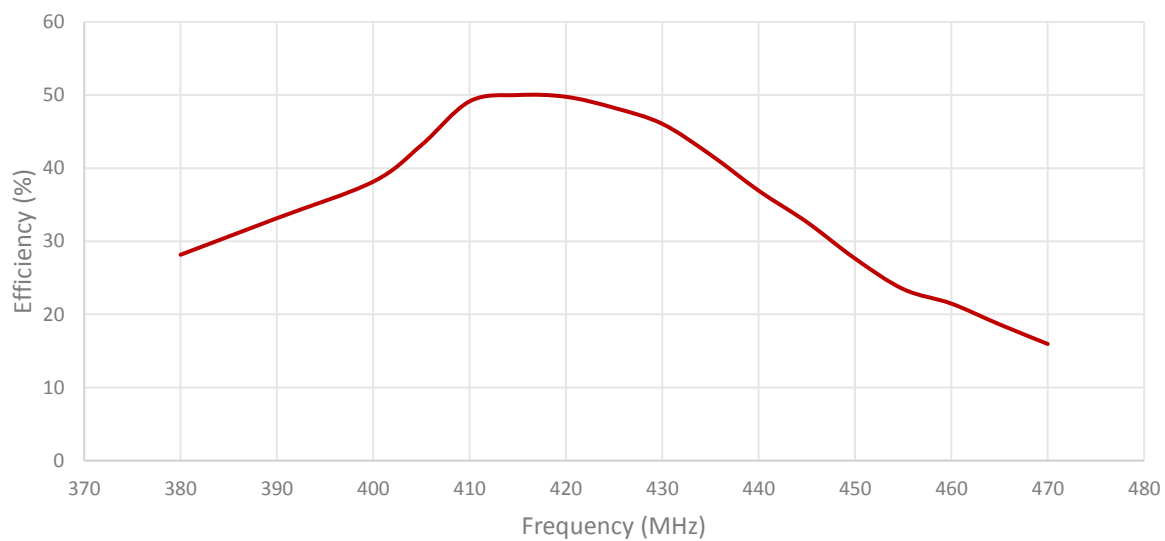
Measured in Certified CTIA 3D Anechoic Chamber

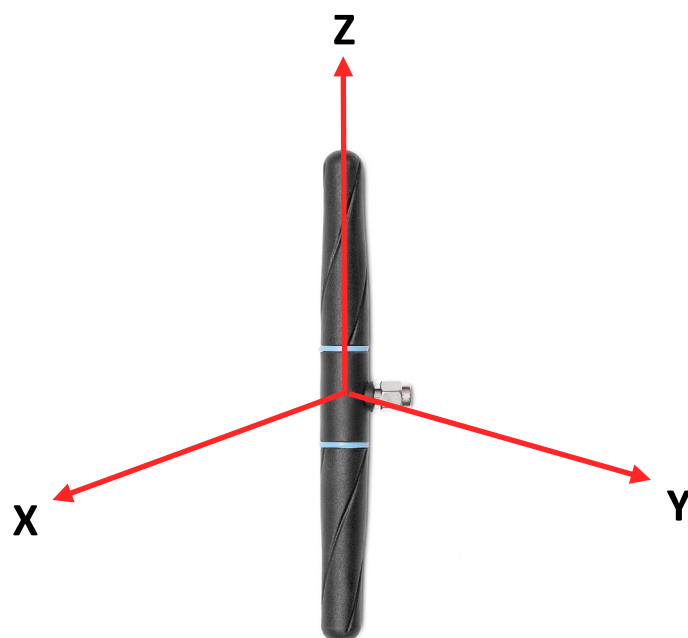
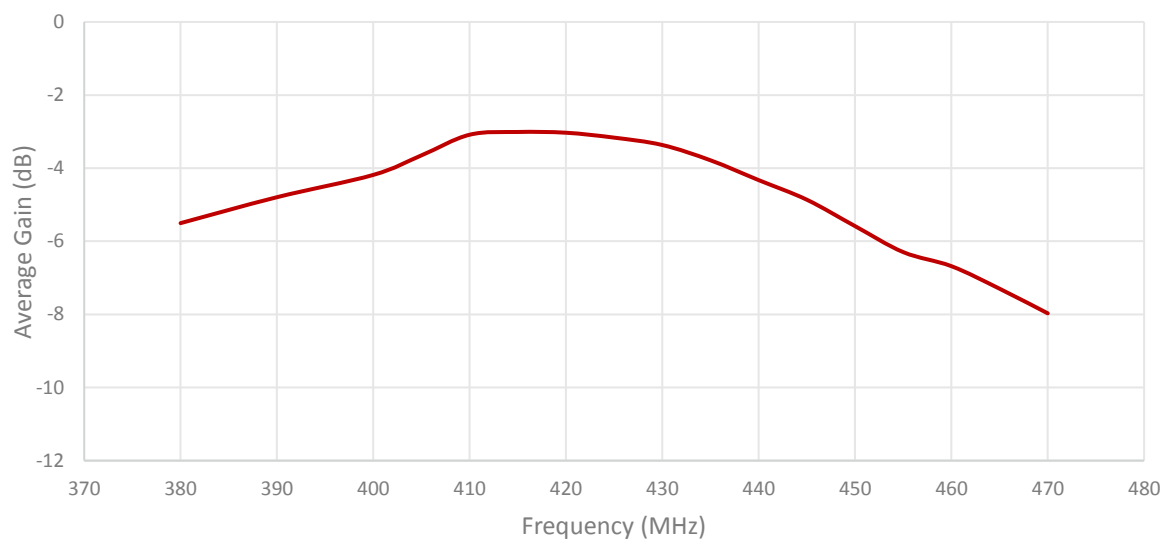
2. Mechanical and environmental specifications

Specifications	2JD0710-398-C728N
Mounting Type	Connector Mount
Dimensions (mm)	Ø 13.6 × 138
Radome	TPE
Radome color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

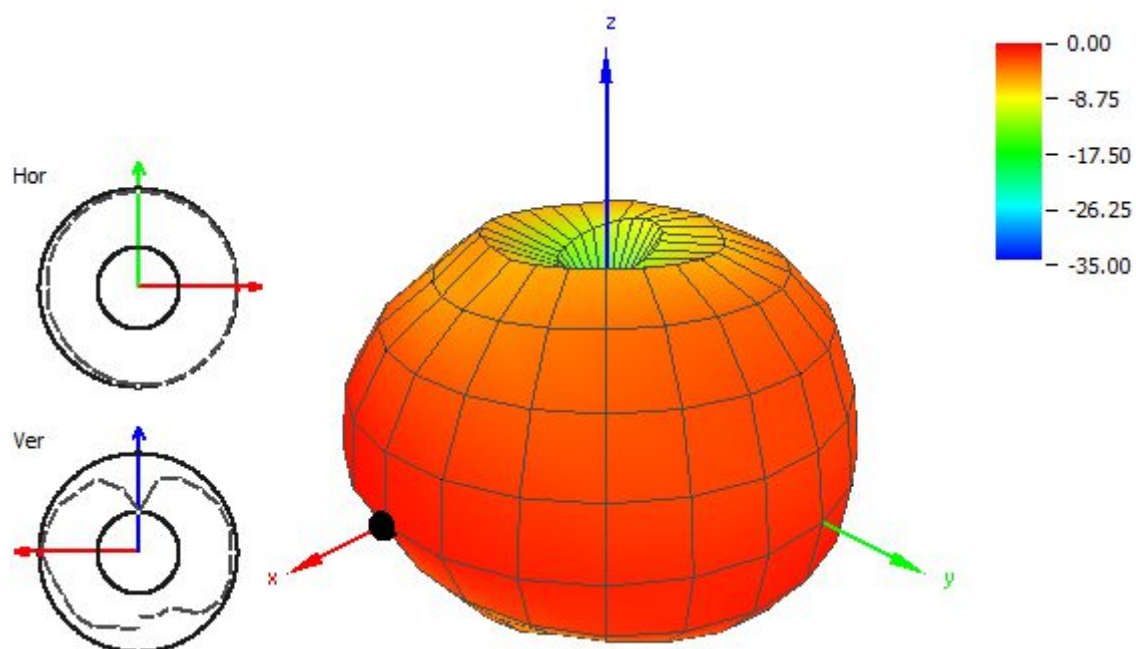
3. Antenna parameters





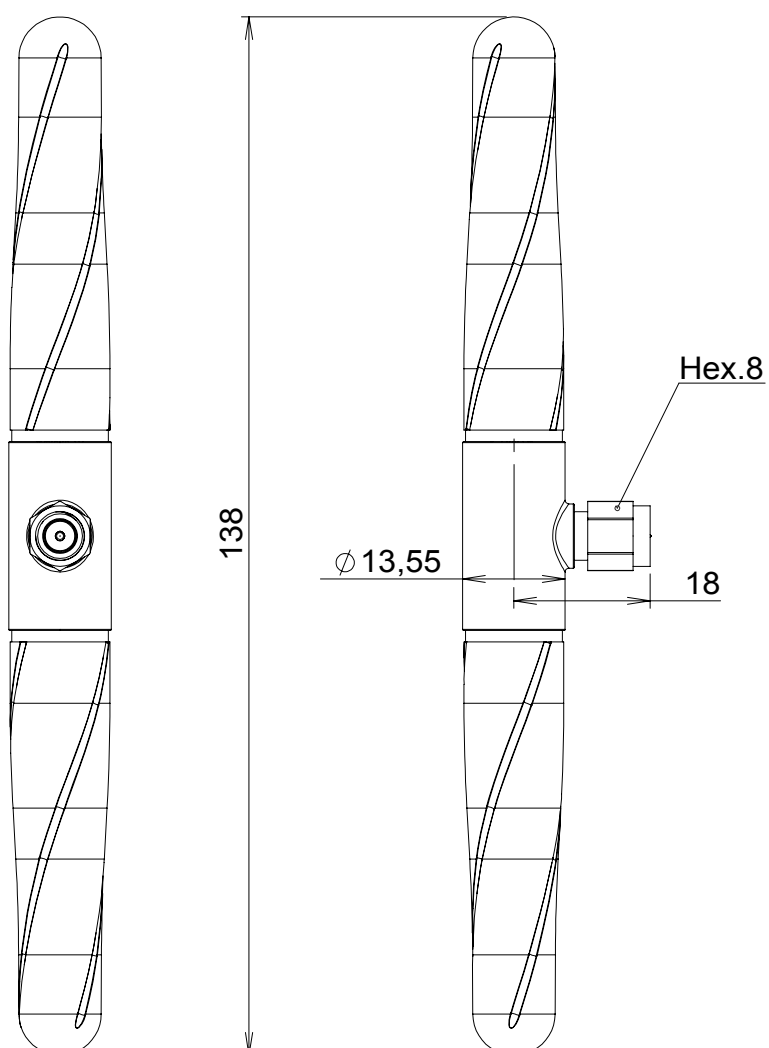


Radiation pattern reference



430 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

