

# 2J0819z-C708N

## 169 MHz ISM-ERMES Connector Mount Antenna

### Key Features

#### 169 MHz ISM-ERMES

- 169.4-169.8 MHz

Connector Mount

Ground Plane Dependent

Dimensions Ø 15.7 × 73 mm



## 1. Antenna and electrical specifications

### Cable 1

Parameters	169 MHz ISM Antenna
<b>Standards</b>	ERMES, ISM, VHF
<b>Band (MHz)</b>	169 MHz
<b>Frequency (MHz)</b>	169.4-169.8
<b>Return Loss (dB)</b>	~-23.0
<b>VSWR</b>	~1.15:1
<b>Impedance (Ohm)</b>	50
<b>Polarisation</b>	Linear
<b>Radiation Pattern</b>	Omni-Directional
<b>Max. Input Power (W)</b>	25
<b>Connector Type</b>	SMA-Male Standard

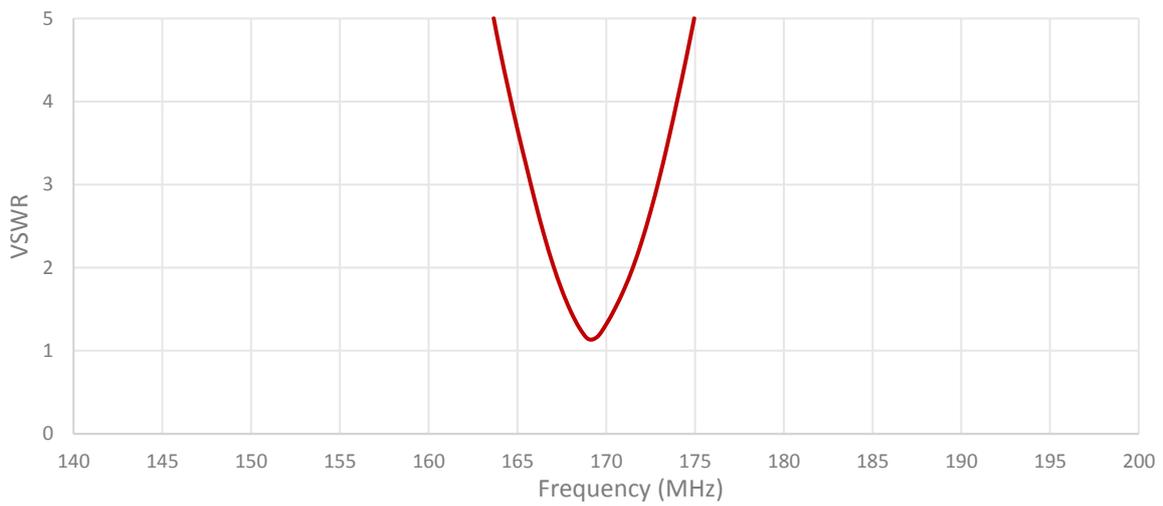
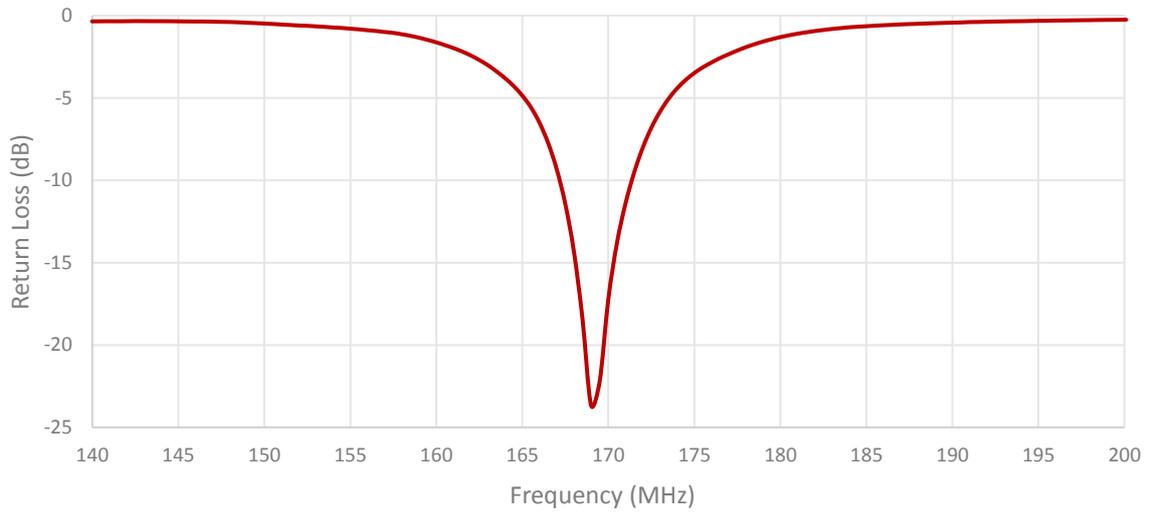
### Antenna Measurement Conditions:

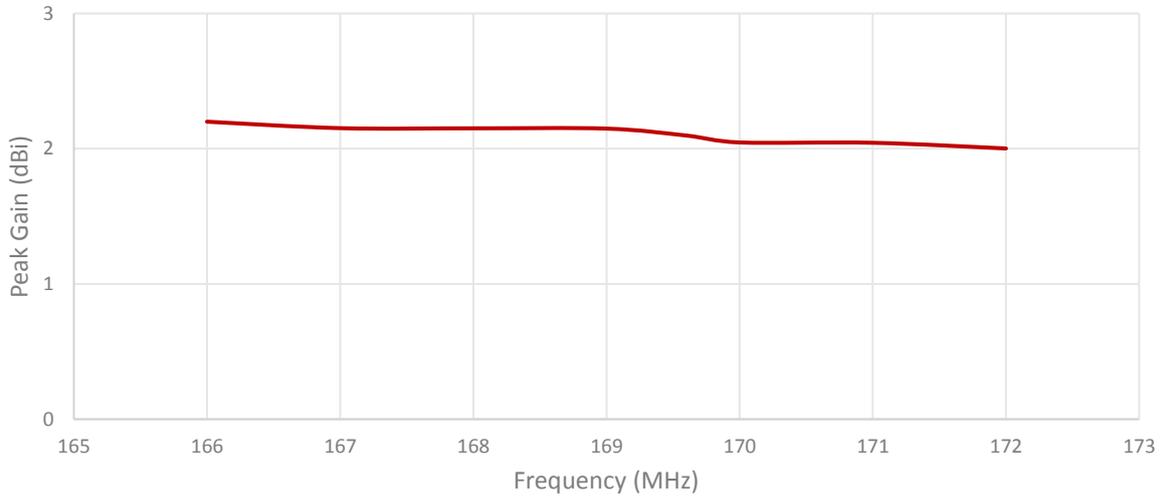
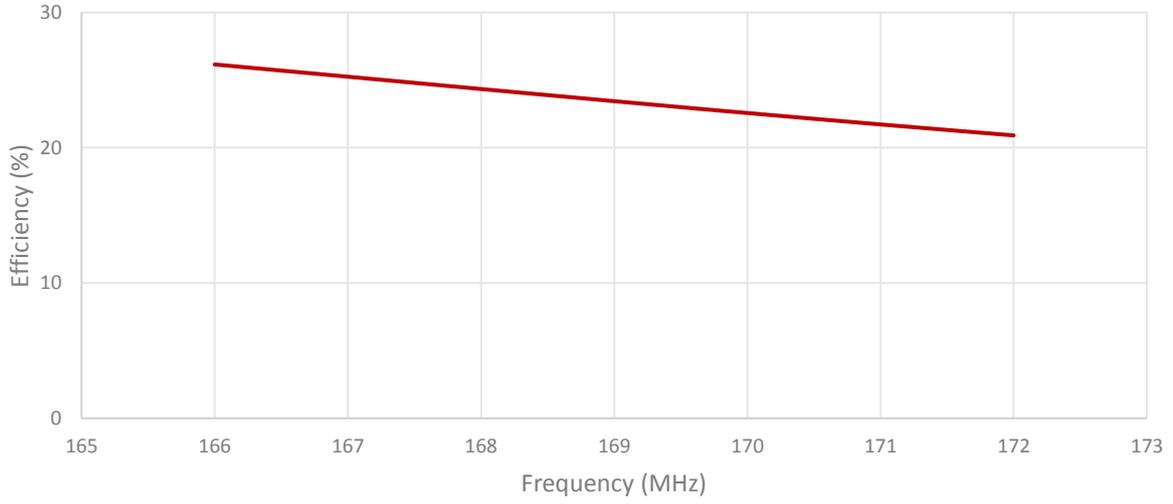
Mounted on Ground Plane of 150 x 50 mm

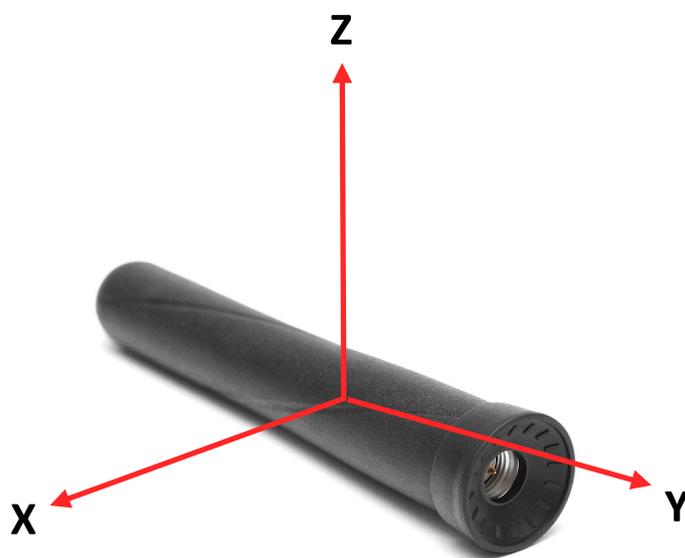
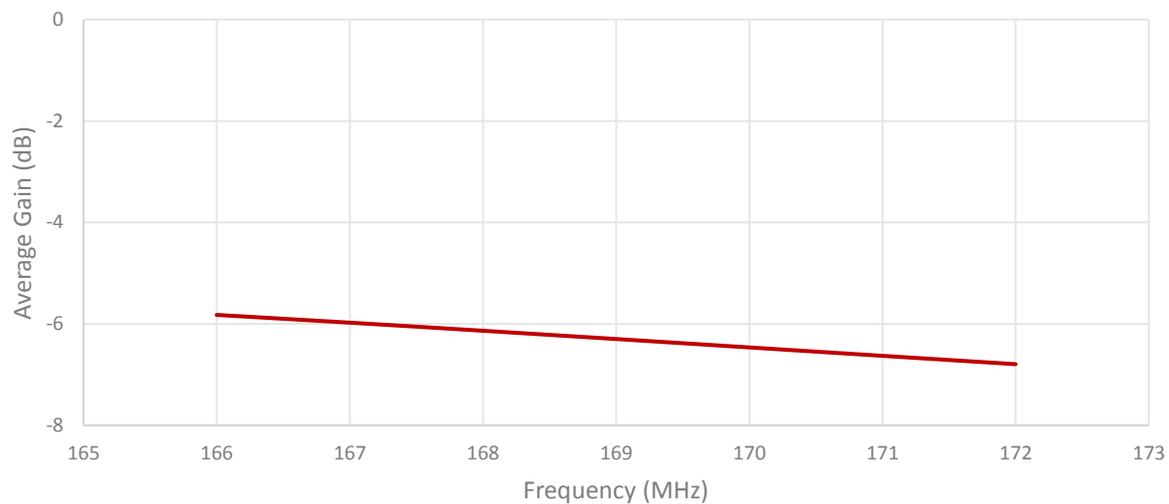
## 2. Mechanical and environmental specifications

Specifications	2J0819z-C708N
<b>Mounting Type</b>	Connector Mount
<b>Dimensions (mm)</b>	Ø 15.7 ×73
<b>Radome</b>	TPE UV Stable
<b>Radome color</b>	Black
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85
<b>Substance Compliance</b>	RoHS

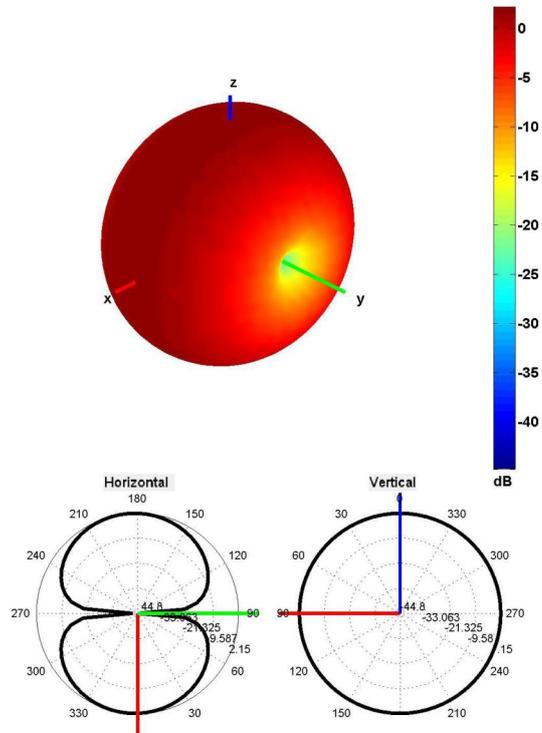
### 3. Antenna parameters





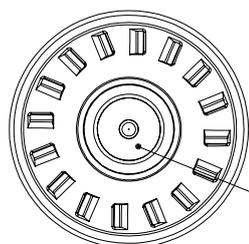


Radiation pattern reference

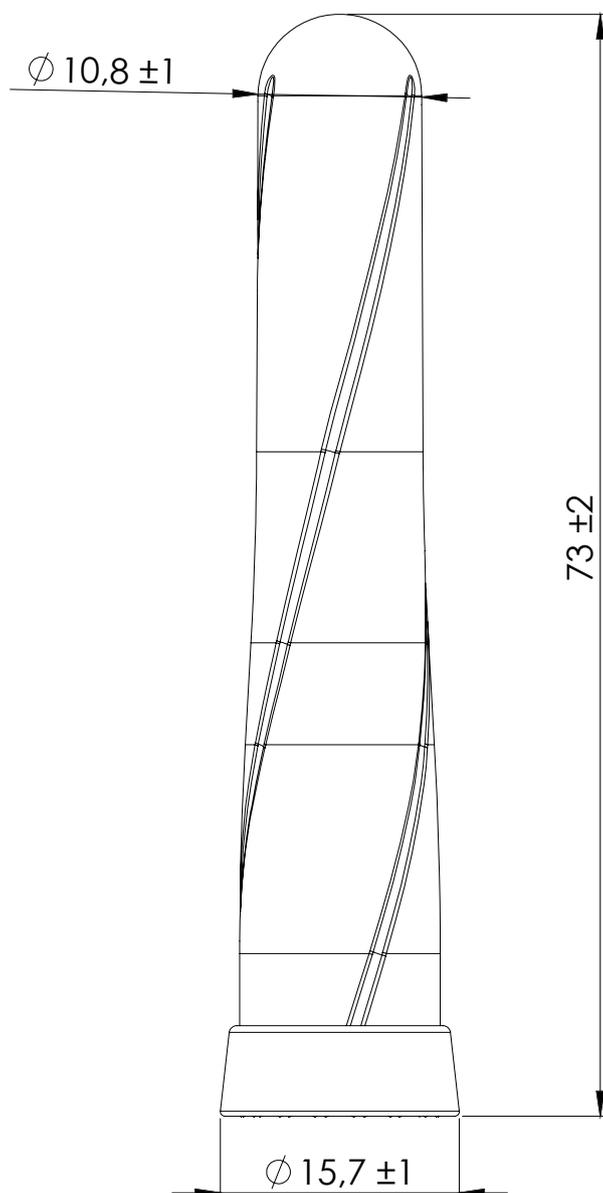


169 MHz Radiation pattern

## 4. Antenna drawings



SMA Male Nickel connector



## 5. Antenna Images

