



# LTE ANTENNA

Antenna ISM Connector Mount  
649B, 868 MHz, 3 dBi, N(m)

AO-A868-NM

SECTRON company offers a wide portfolio of ISM antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.

## BENEFITS

- Low VSWR
- Easy installation
- Omnidirectional radiation pattern

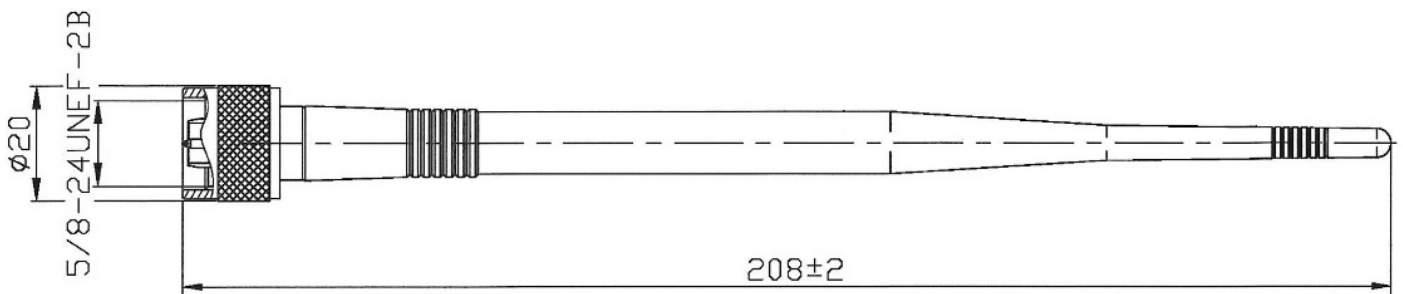


## FEATURES

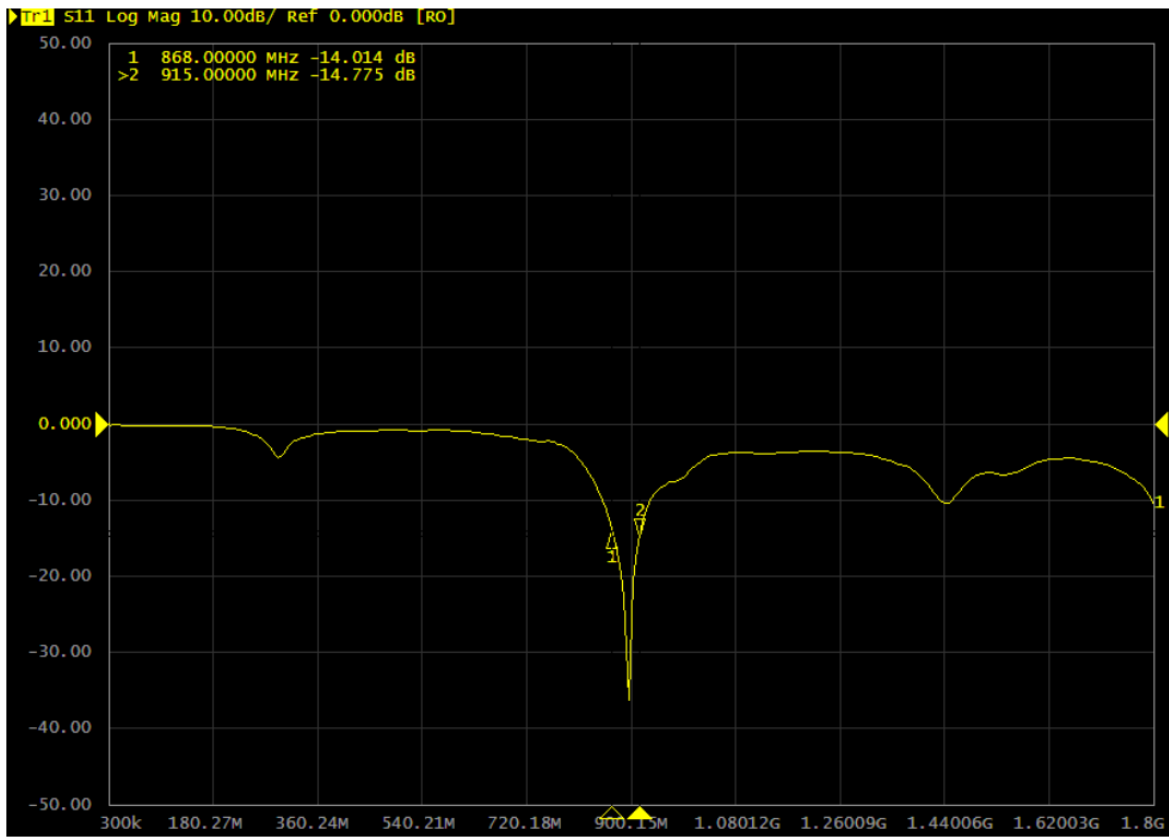
AO-A868-NM

Technology	ISM
Frequency bands	868/915 MHz
Bandwidth	-
Gain	3 dBi
VSWR	<1.48:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	∅20.0 x 208.0 mm
Weight	- g
Operating temperature	-30 to +80 °C
Execution	External
Method of attachment	Connector mount
Cable type	-
The cable length	-
Connector type	N(m)
Certification	RoHS, ISO9001, ISO14001

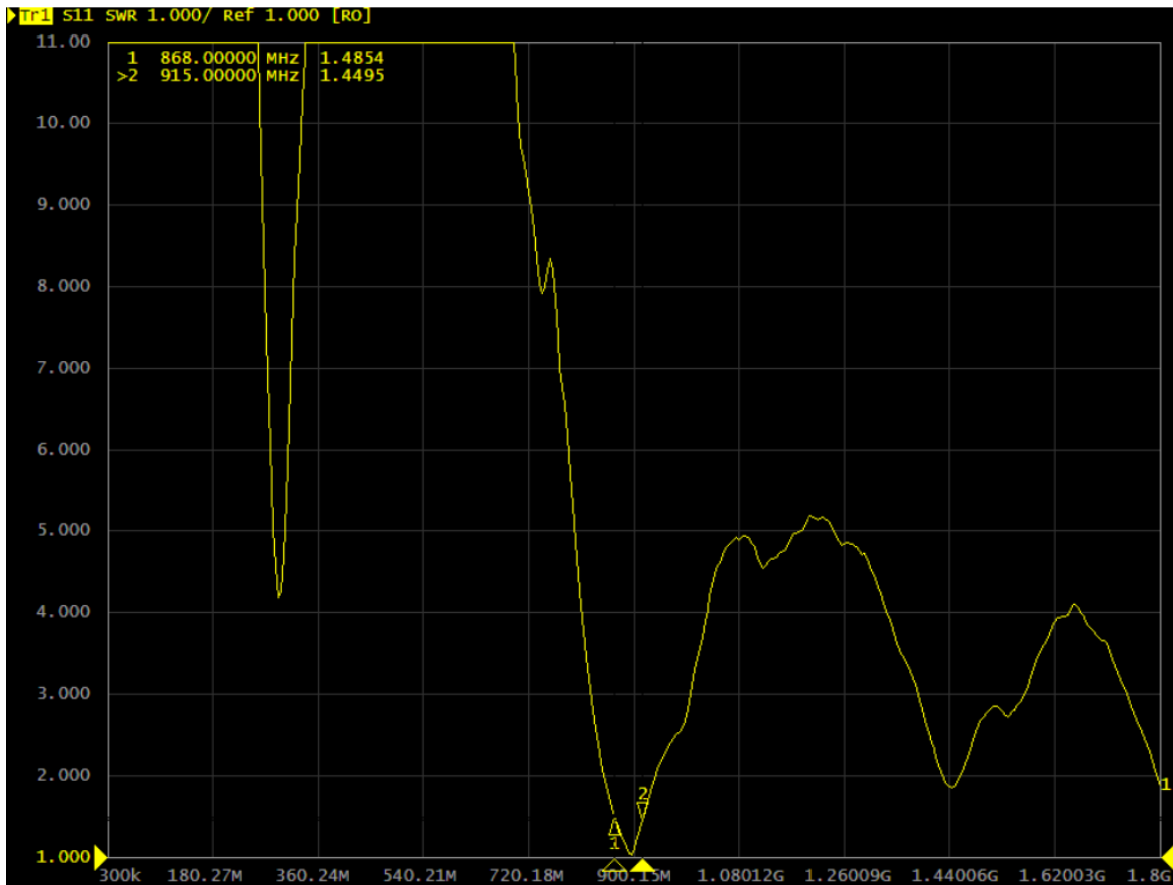
## DRAWING



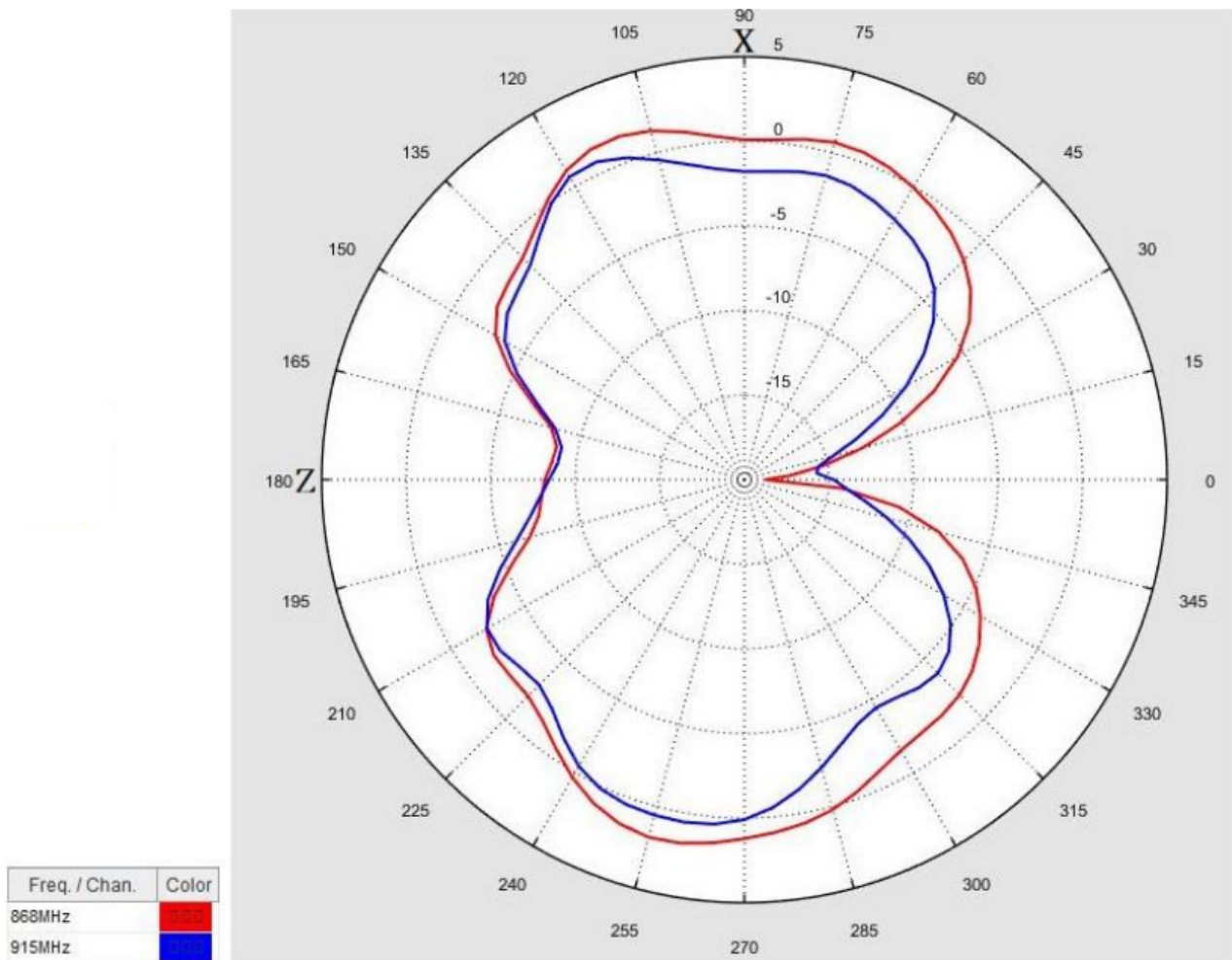
$S_{11}$  - Return Loss [dB]



VSWR - Voltage standing wave ratio [-]



## RADIATION PATTERN



## SUMMARY

Frequency [MHz]	$S_{11}$ [dB]	VSWR [-]	Gain [dBi]	Efficiency [%]
868	-14.01	1.48	1.90	88.72
915	-14.77	1.44	0.67	62.66

## VARIANTS

Different connector variants or cable lengths are available on request.

## CONTACTS

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