



868 ANTENNA

Antenna ISM Magnet Mount MG3,
868 MHz, 1.3 dBi, SMA(m), RG174/1.5m

AO-A868-MG3S15

SECTRON company offers a wide portfolio of 868 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.

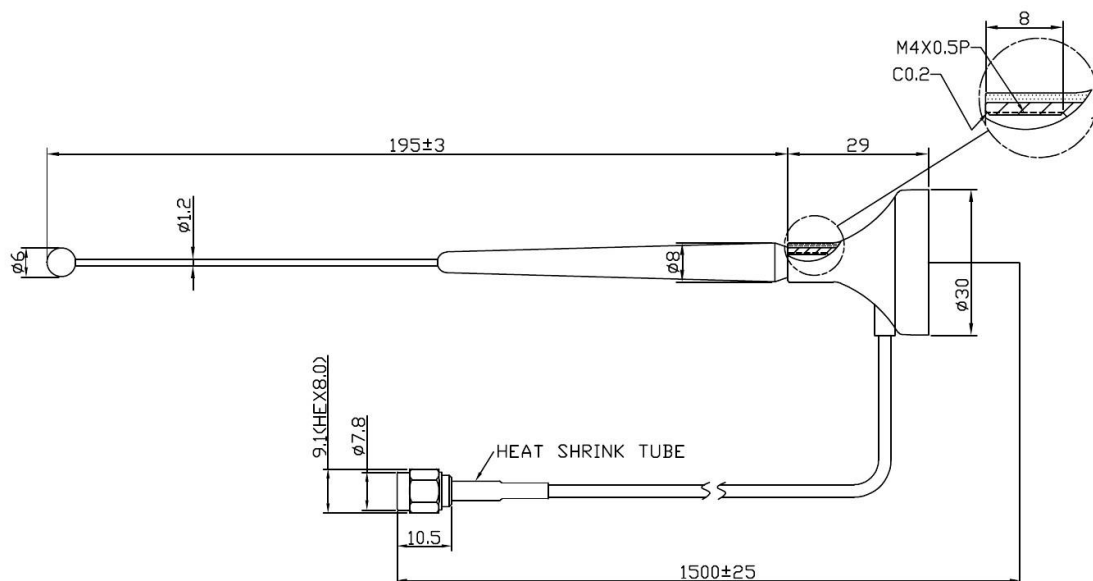
BENEFITS

- Easy installation
- Low VSWR



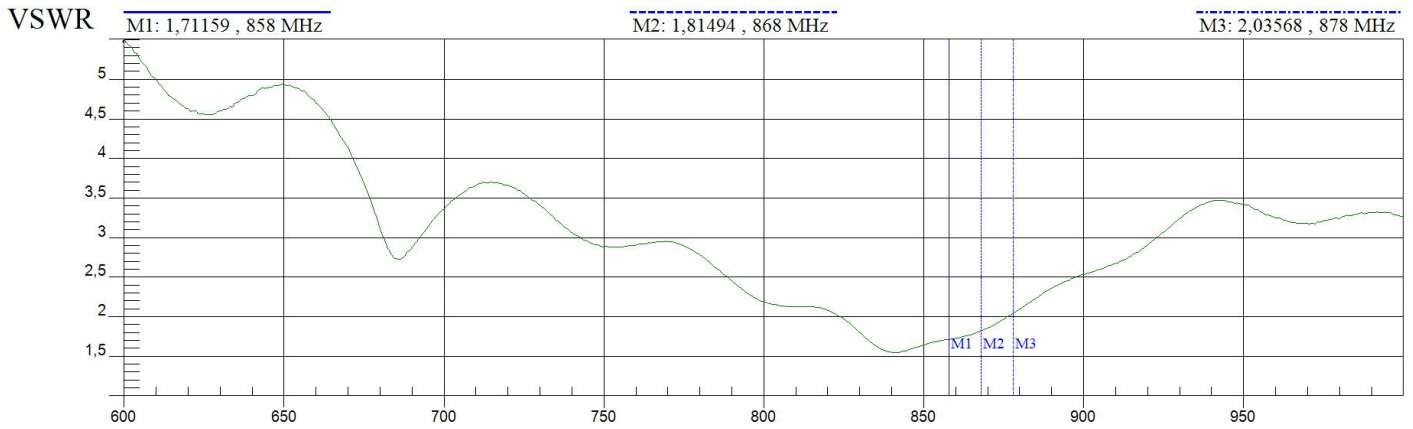
Technology	ISM
Frequency bands	868 MHz
Bandwidth	<20 MHz
Gain	1.3 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	∅ 30.0 x 224.0 mm
Weight	39.56 g
Operating temperature	-30 to +90 °C
Execution	External
Method of attachment	Magnet Mount
Cable type	RG174/U
The cable length	3 m
Connector type	SMA(m)
Certification	RoHS, ISO9001, ISO14001
Material	PVC/ABS

DRAWING



VSWR – Voltage standing wave ratio [-]

VSWR
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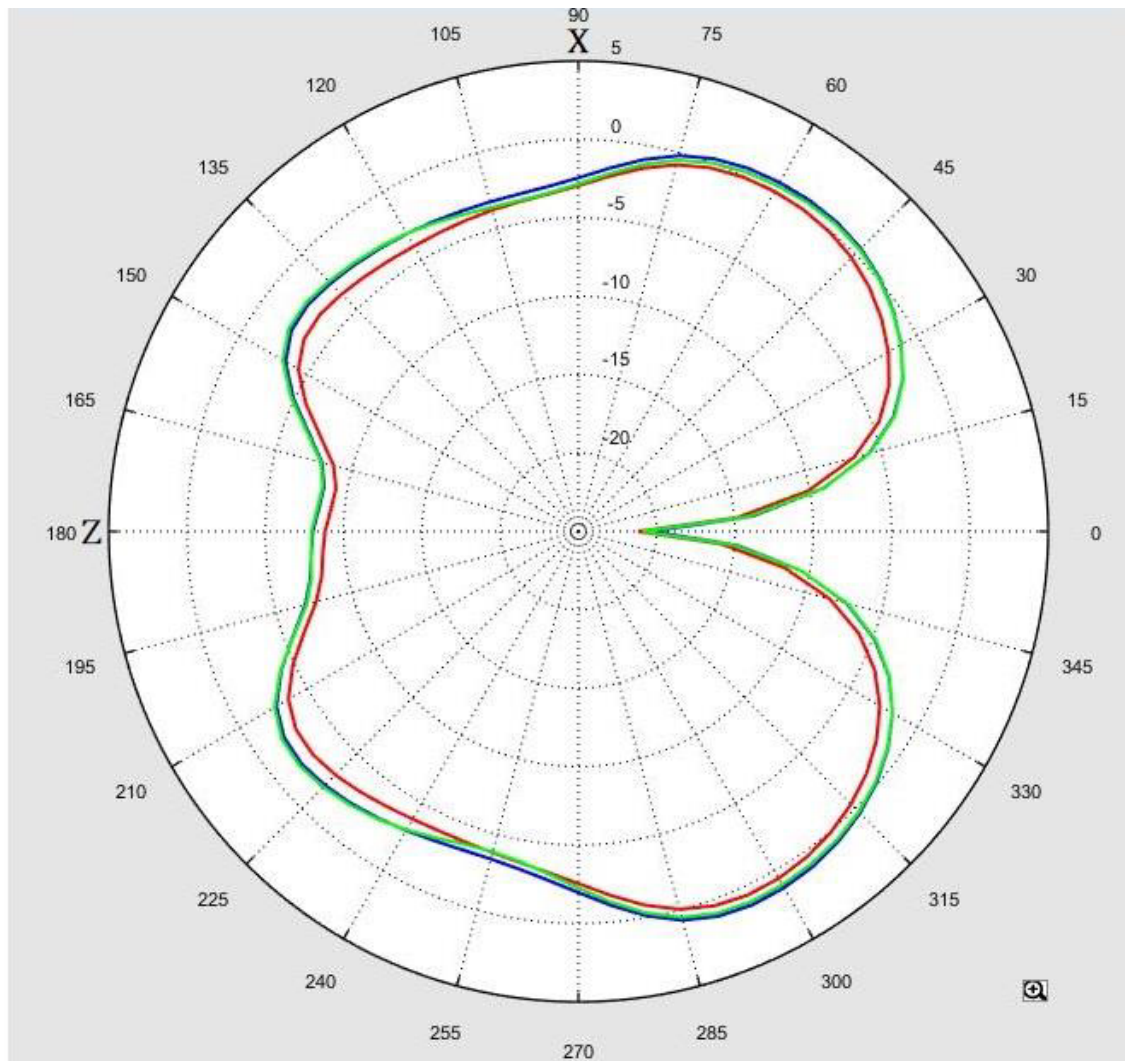
Date: 2022-03-10
Time:

Frequency(600 - 1000 MHz)
Resolution: 521
Cal: ON

IIM: OFF
Keysight
SN: CN0132000230

2D RADIATION PATTERN

Freq. / Chan.	Color
858MHz	Red
868MHz	Blue
878MHz	Green



SUMMARY

AO-A868-MG3S15

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Efficiency [%]	Gain [dBi]
858	12.50	1.7	60.53	0.59
868	16.32	1.8	71.45	1.3
878	14.01	2.0	68.87	1.09

VARIANTS

AO-A868-MG3S15

Different connector variants or cable lengths are available on request.

CONTACTS

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