



ISM ANTENNA

Antenna 868 MHz Flexible Whip PIGTail,
IPEX MHF1(f) RA, 1.13mm Coaxial
Cable/30mm

AO-A868-PTI03

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.

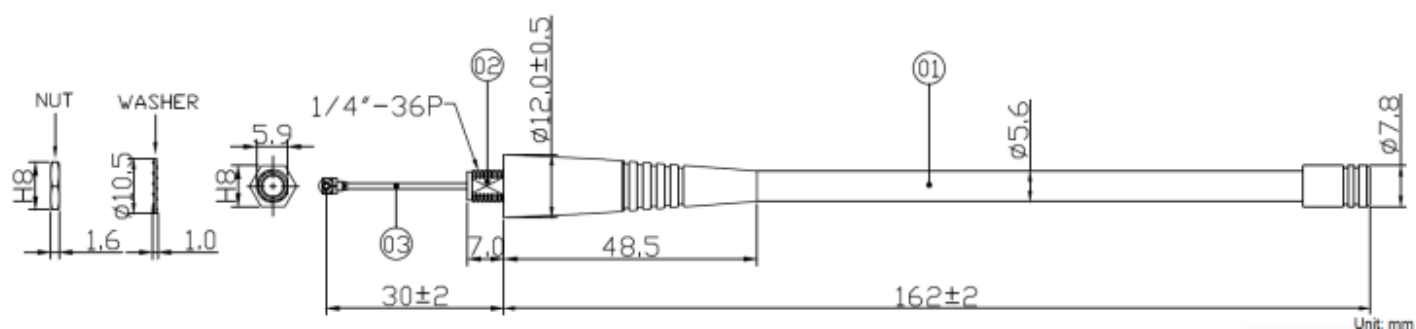


BENEFITS

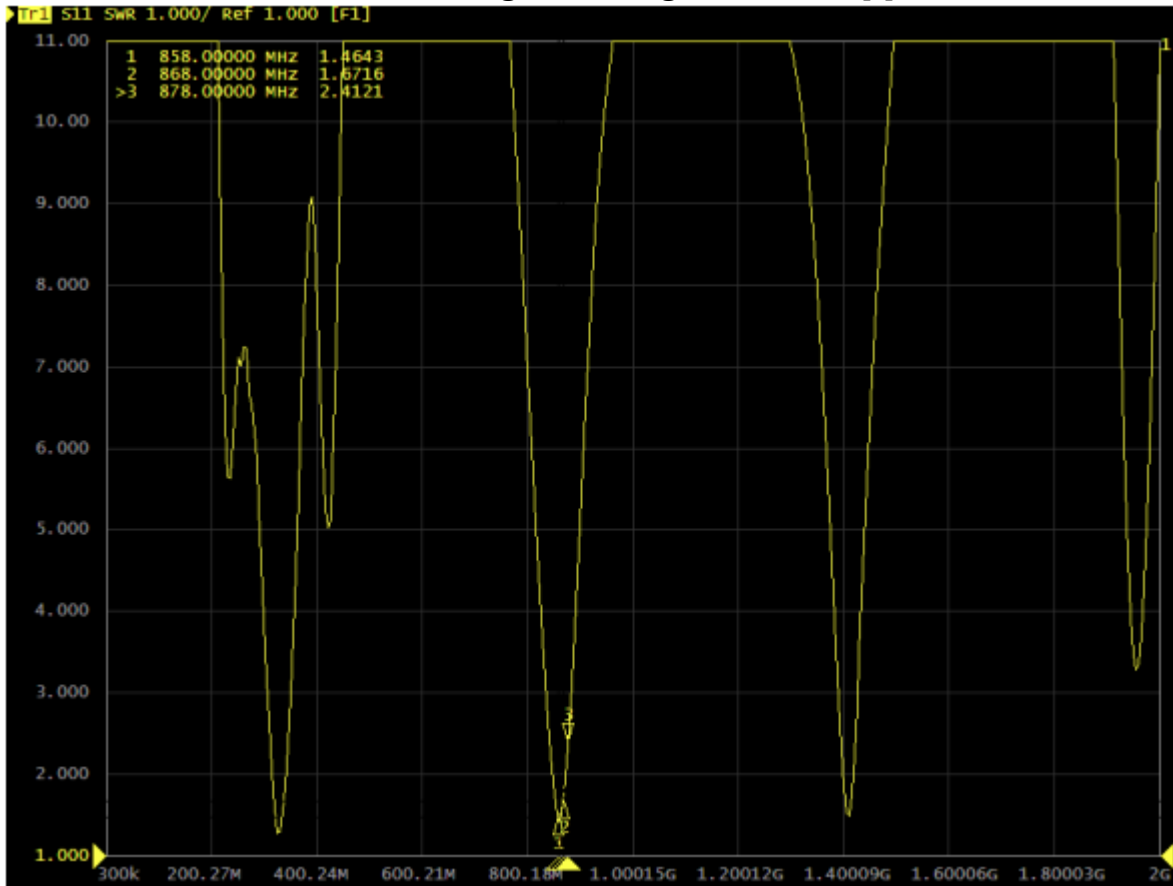
- Low VSWR
- Omnidirectional

Technology	ISM
Frequency bands	858/868/878 MHz
Gain	-1.46 dBi
VSWR	<2.4:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	∅ 12 x 169 mm
Weight	10.86 g
Operating temperature	-30 to +60 °C
Execution	External
Method of attachment	Screw mount
Cable type	1.13 mm
The cable length	30 mm
Connector type	IPEX MHF1 (f) RA
Certification	ROHS

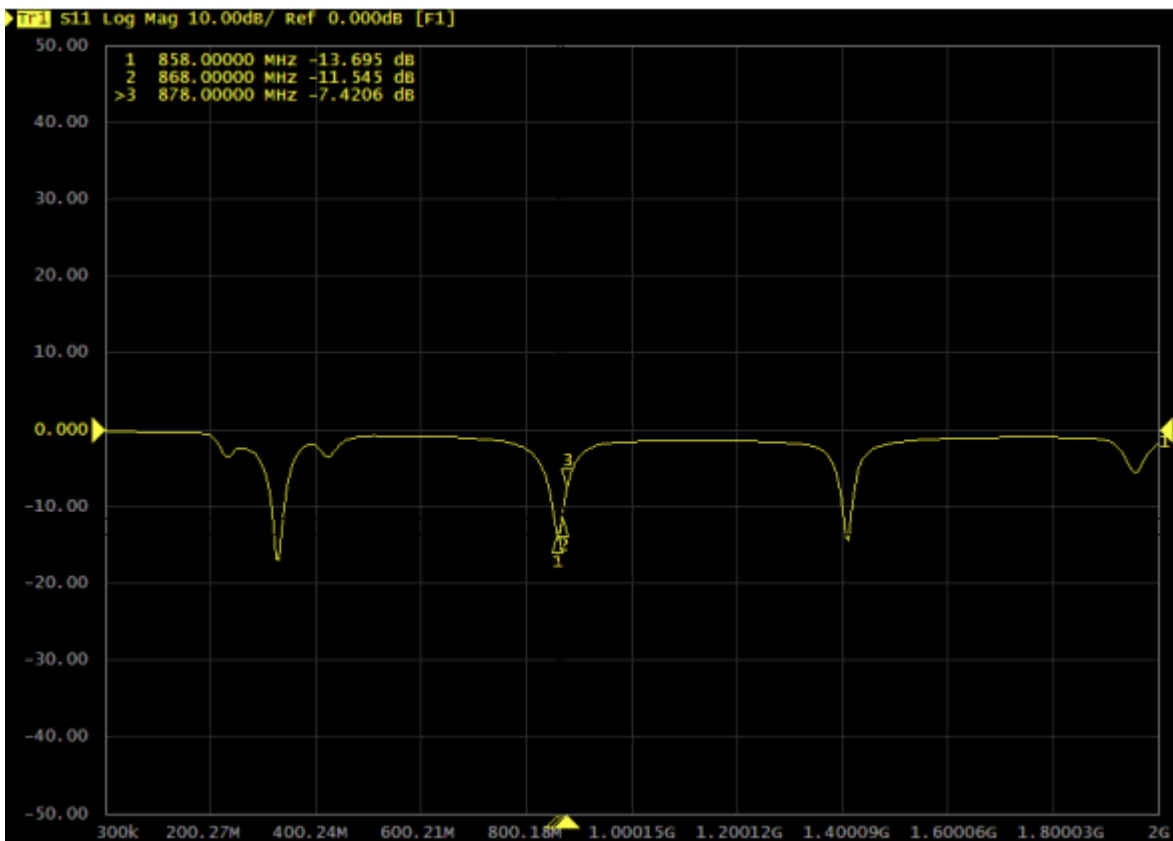
DRAWING



VSWR – Voltage standing wave ratio [-]

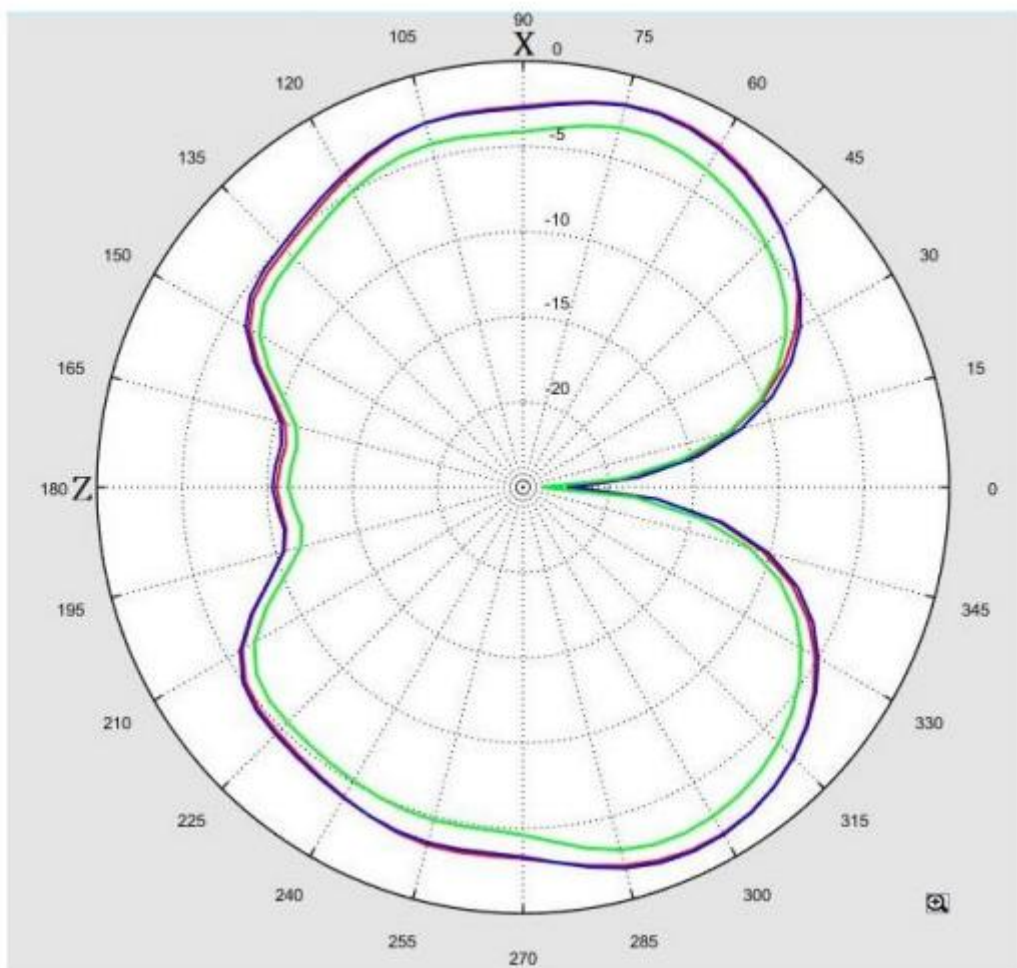


S11 - Return Loss [dB]



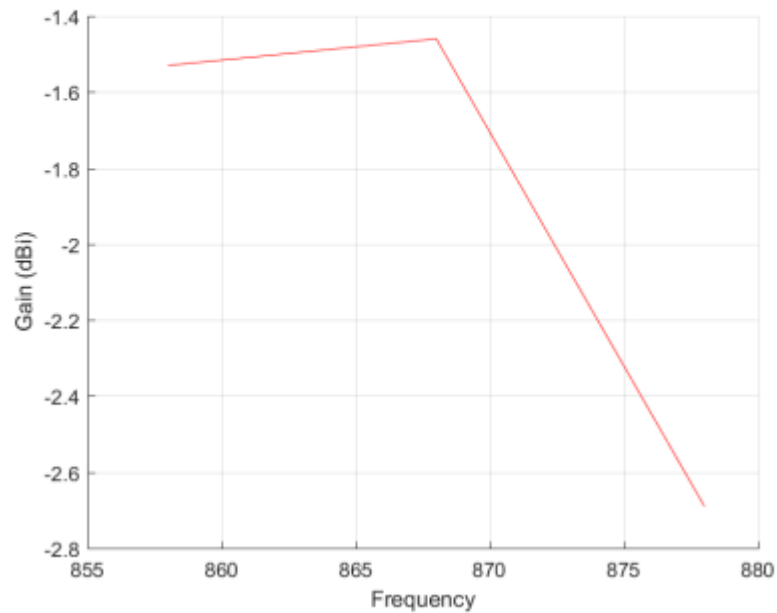
3D Test Data

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



Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dBi)
858	-13.69	1.46	43.35	-1.53
868	-11.54	1.67	43.45	-1.46
878	-7.42	2.41	32.81	-2.69

Total_Gain (dBi)



CONTACTS

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