



ISM ANTENNA

Antenna 868 MHz
YAGI 100, 10 dBi,
RG58/10m, SMA(m)

AO-A868-YASS

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

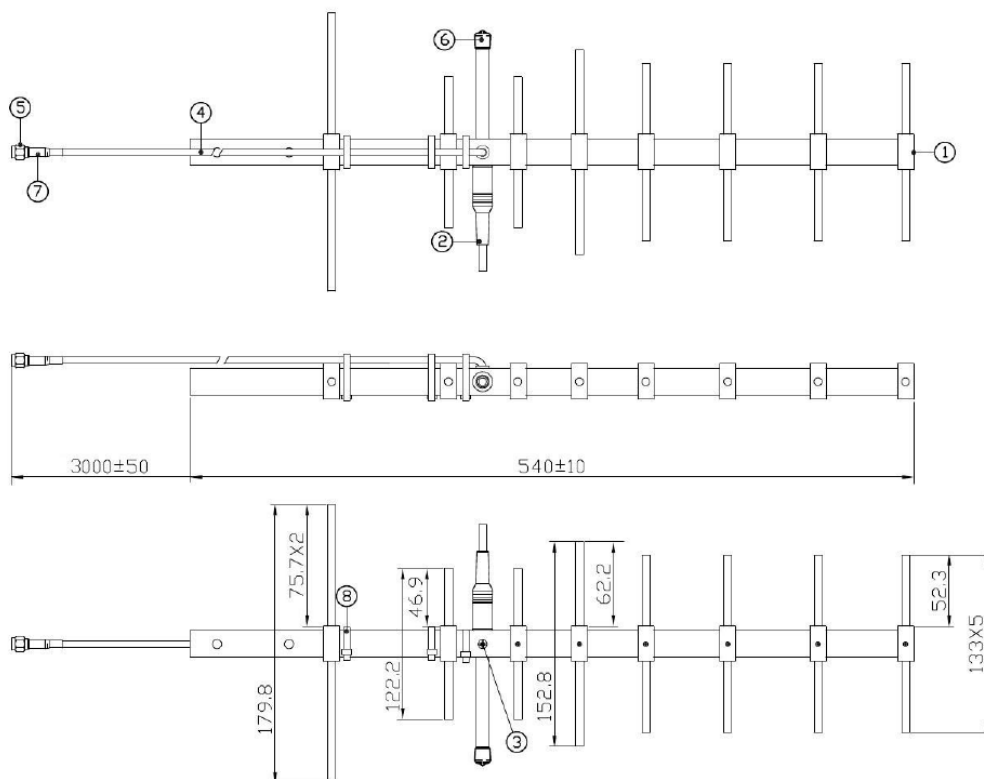
BENEFITS

- Useful for LoRa or SIGFOX
- High Gain
- Directional - greater reach



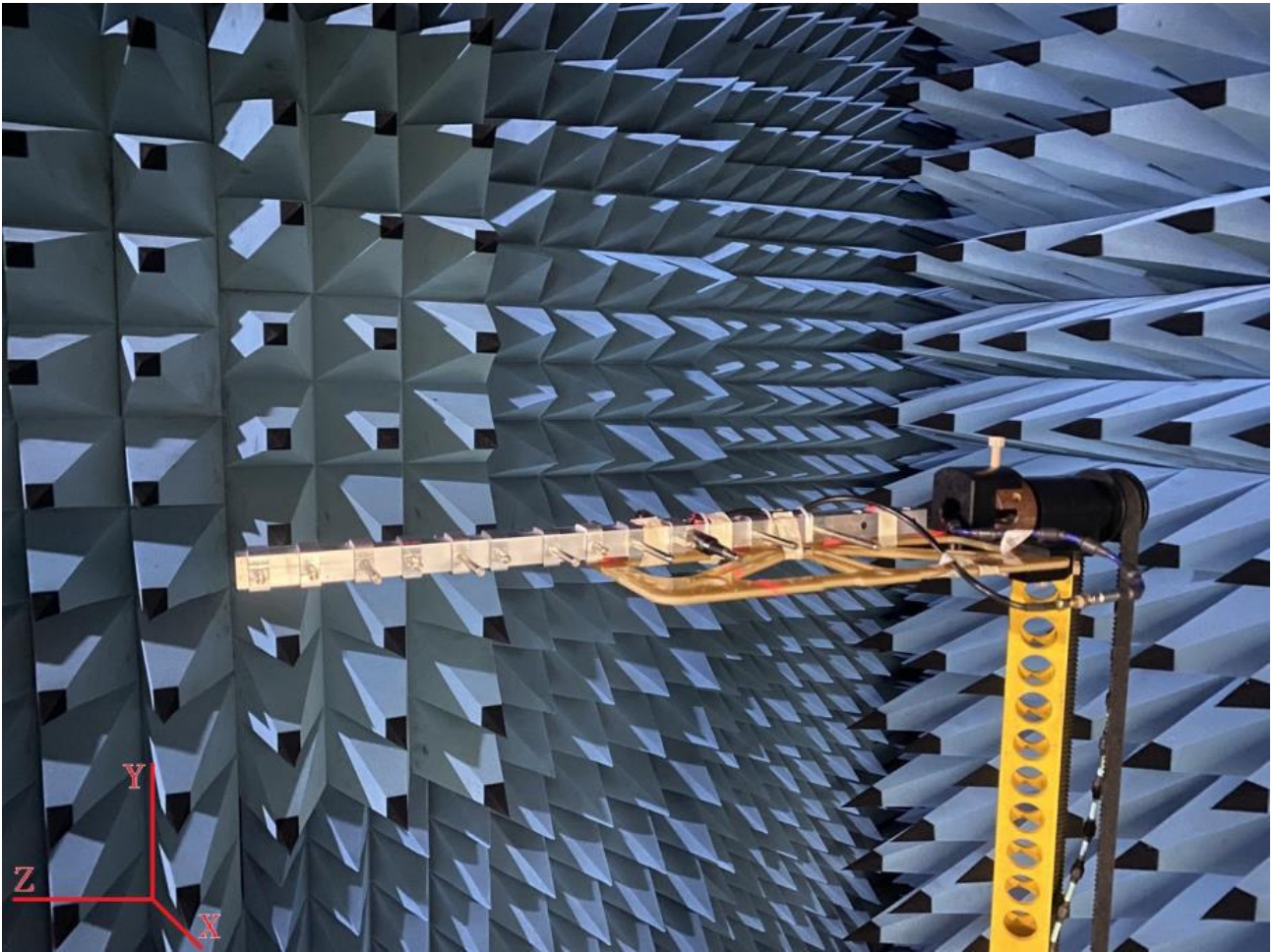
Technology	ISM/LoRa/SIGFOX
Frequency bands	868 MHz
Bandwidth	-
Gain	10 dBi
VSWR	<2.0: 1
Impedance	50 Ohm
Directivity	Directional
Beam angle	H 30° V 30°
Polarization	Linear
Maximum input power	10W
Power voltage	-
Dimensions	540 x 179.8 x 26 mm
Weight	865 g
Operating temperature	-40 to +85 ° C
Execution	External
Method of attachment	Mounting
Cable type	RG58/U
The cable length	10 m
Connector type	SMA(m)

DRAWING



NO.	NAME	FINISH	Q, TY
01	Body	Nickel plating	01
02	Core tube	Black	01
03	Screw set		01
04	RG-58A/U Cable	Black	01
05	SMA 180°(Male)	Nickel plating	02
06	Top cap	Black	01
07	Heat-shrink tube	Black	01
08	Clip wire	White	03

3D Test Photo



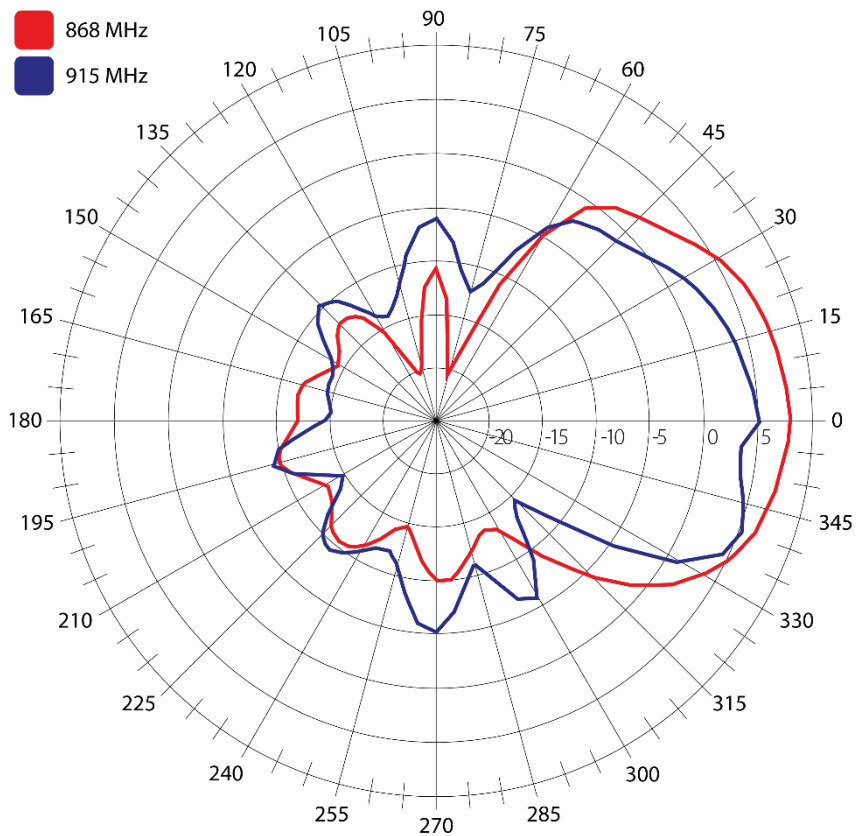
S11 – Return loss [dB]



VSWR – Standing wave ratio [-]



2D - Radiation pattern [-]



SUMMARY

AO-A868-YASS

Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dBi)
868	-26.97	1.09	67.61	8.06
915	-19.52	1.22	42.46	5.11

CONTACTS

SECTRON s.r.o. Josefa Šavla 1271/12
709 00 Ostrava 9, Czech Republic

WWW.SECTRON.CZ
Tel.: +420 556 621 020