



ISM ANTENNA

Antenna 433MHz/868MHz

screw mount R36A

SMA(m), RG174/3m

AO-A433-36S

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.

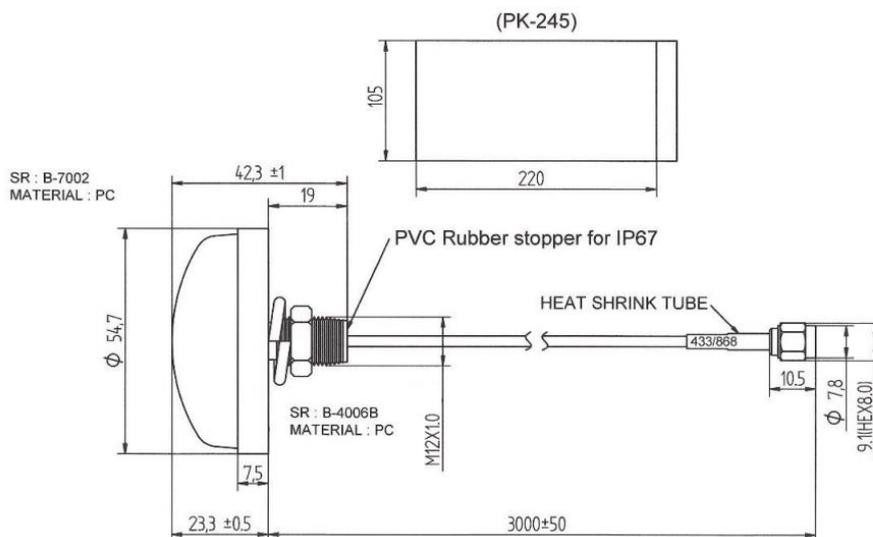


BENEFITS

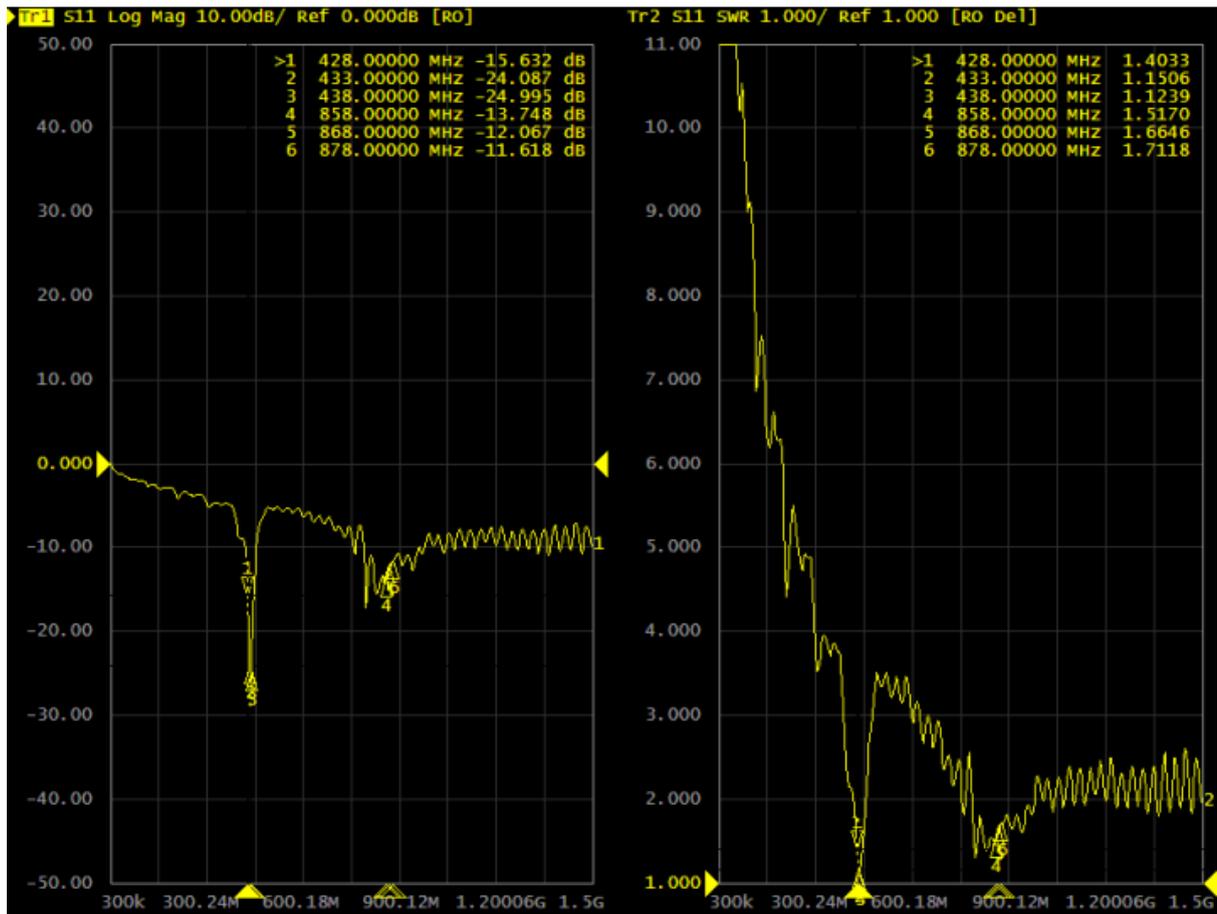
- High frequency range
- Compact design
- High ingress protection (IP67)

Technology	ISM
Frequency bands	433/868 MHz
Bandwidth	-
Gain	2.5/3 dBi
VSWR	<1.8:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	Ø54,7 x 42,3 mm
Weight	122.5 g
Operating temperature	-40 to +85 °C
Execution	External
Method of attachment	Screw
Cable type	RG174/U
The cable length	3000 mm
Connector type	SMA (m)
IP code	IP67
Certification	RoHS
Material	ABS

DRAWING

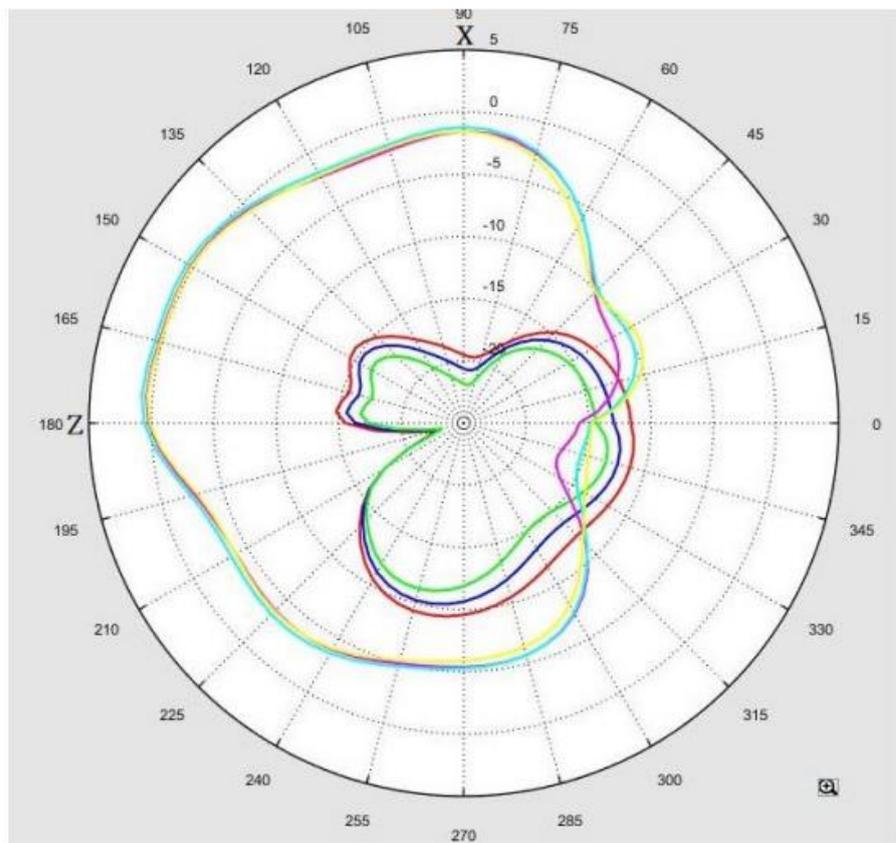


Test Data (Return loss & VSWR)

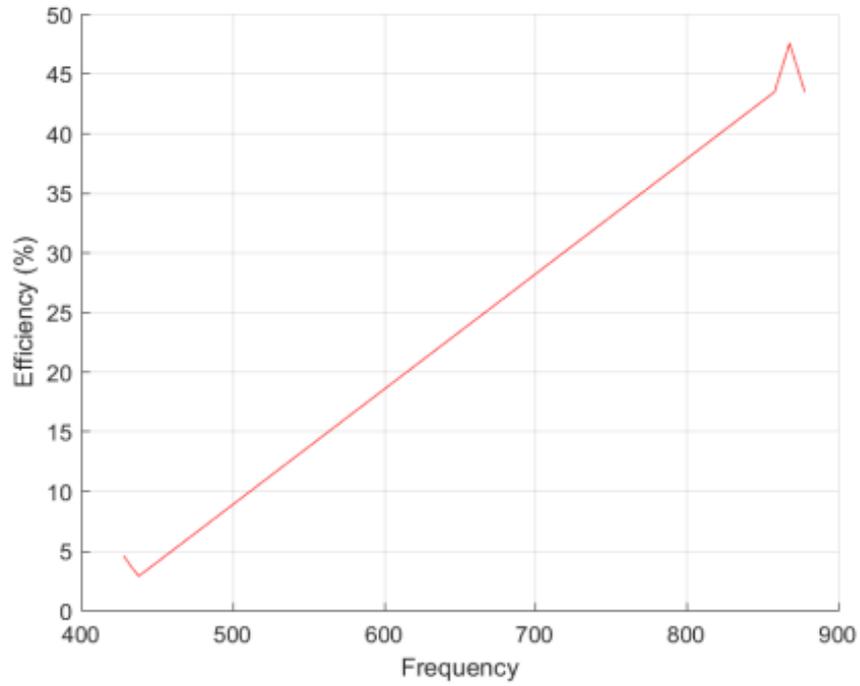


3D Test Data

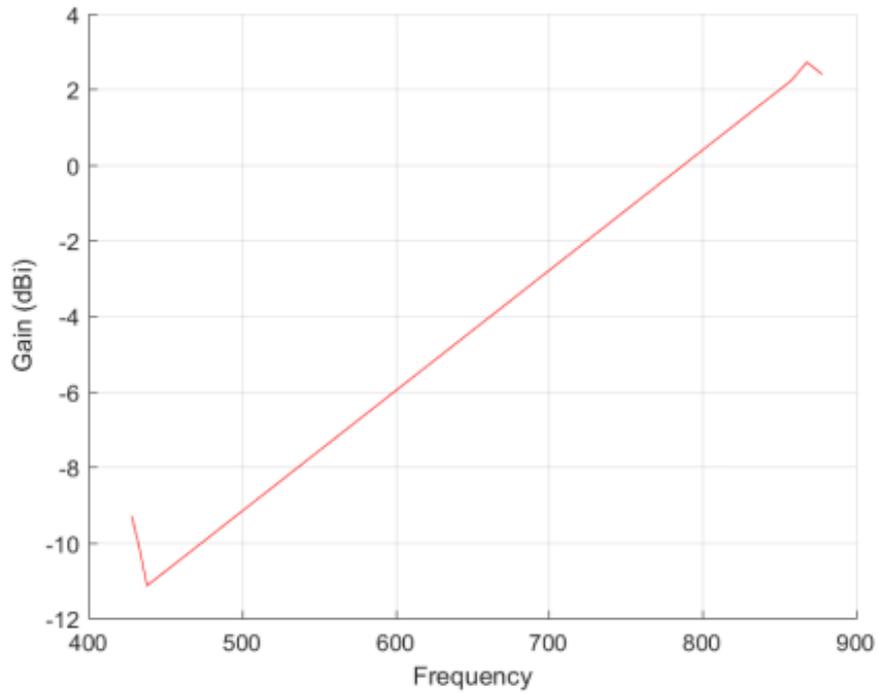
Freq. / Chan.	Color
428MHz	Red
433MHz	Blue
438MHz	Green
858MHz	Magenta
868MHz	Cyan
878MHz	Yellow



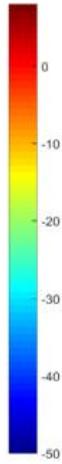
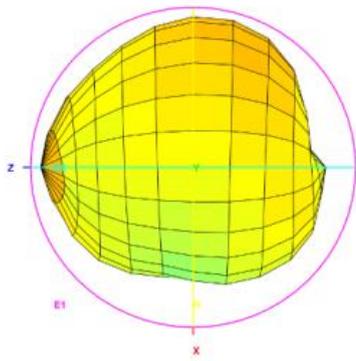
Total_Efficiency (%)



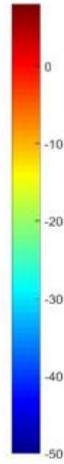
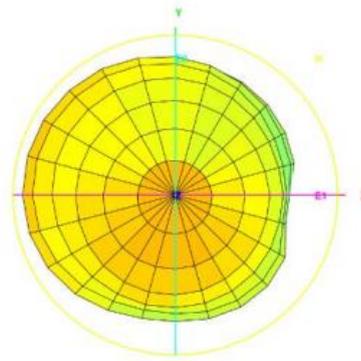
Total_Gain (dBi)



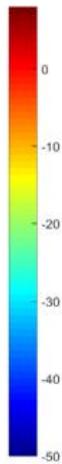
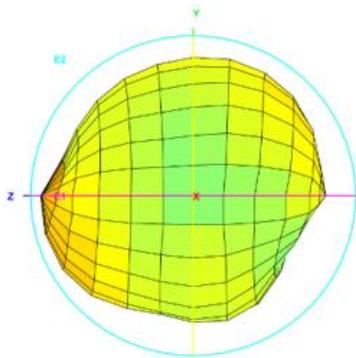
Total_3D_Top View_433MHz



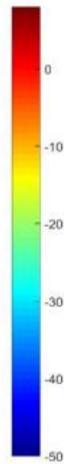
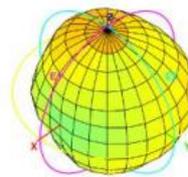
Total_3D_Front View_433MHz



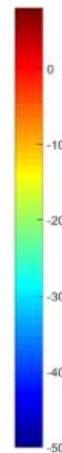
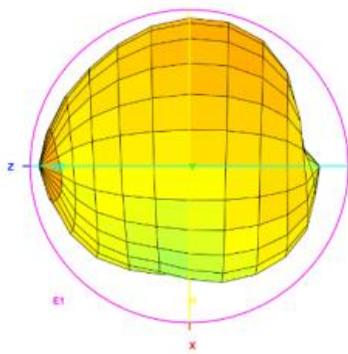
Total_3D_Left View_433MHz



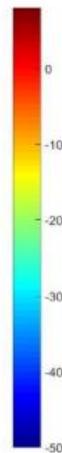
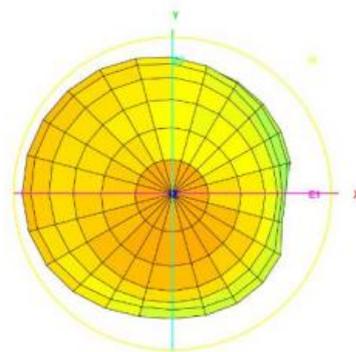
Total_3D_Side View 1_433MHz



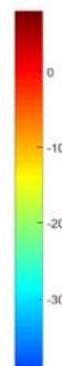
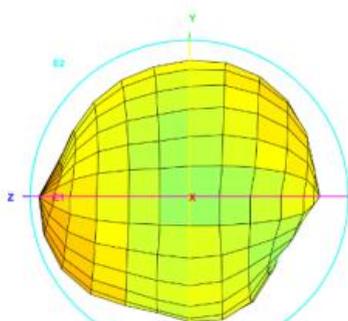
Total_3D_Top View_428MHz



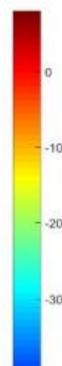
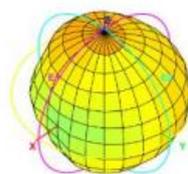
Total_3D_Front View_428MHz



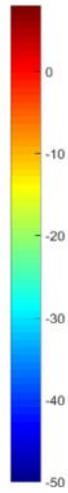
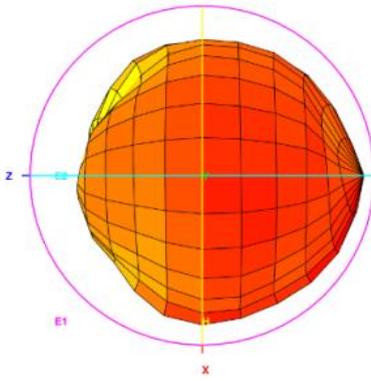
Total_3D_Left View_428MHz



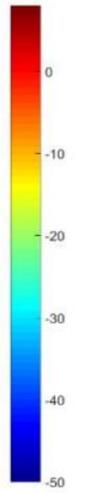
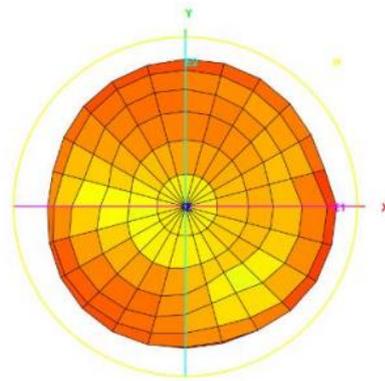
Total_3D_Side View 1_428MHz



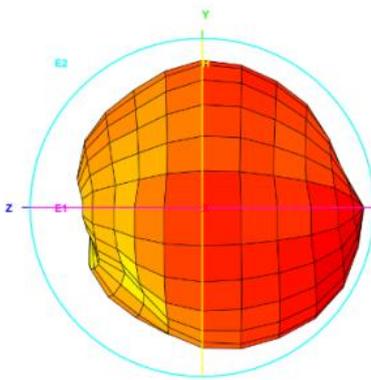
Total_3D_Top View_878MHz



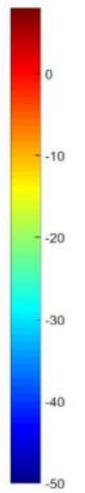
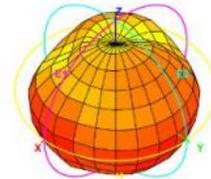
Total_3D_Front View_878MHz



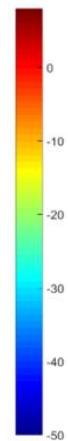
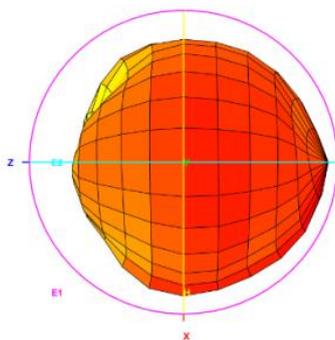
Total_3D_Left View_878MHz



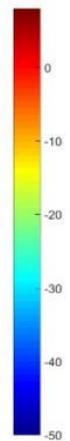
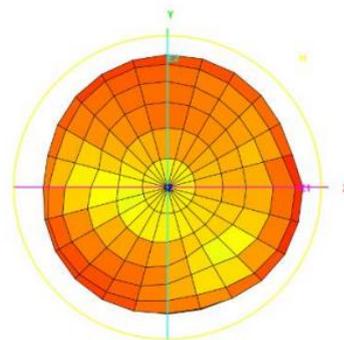
Total_3D_Side View 1_878MHz



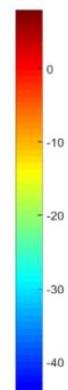
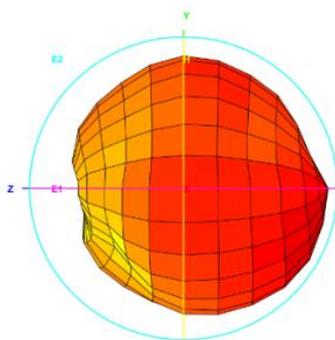
Total_3D_Top View_868MHz



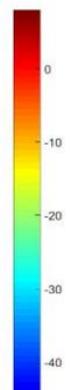
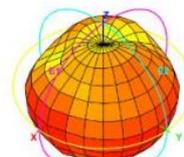
Total_3D_Front View_868MHz



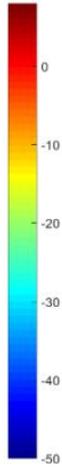
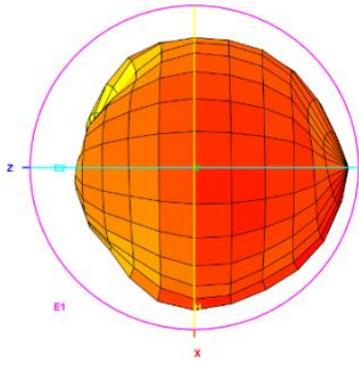
Total_3D_Left View_868MHz



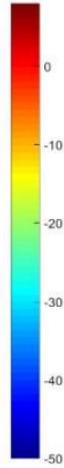
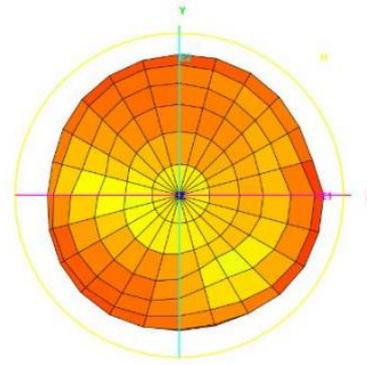
Total_3D_Side View 1_868MHz



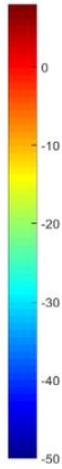
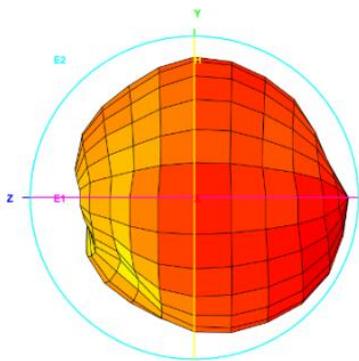
Total_3D_Top View_878MHz



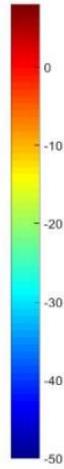
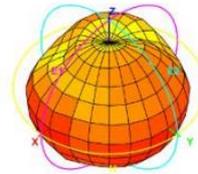
Total_3D_Front View_878MHz



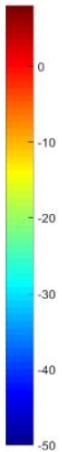
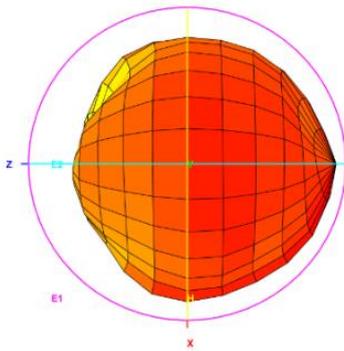
Total_3D_Left View_878MHz



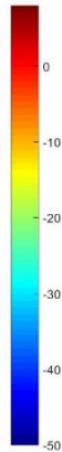
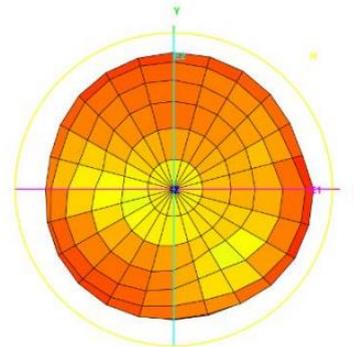
Total_3D_Side View 1_878MHz



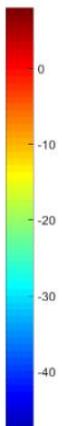
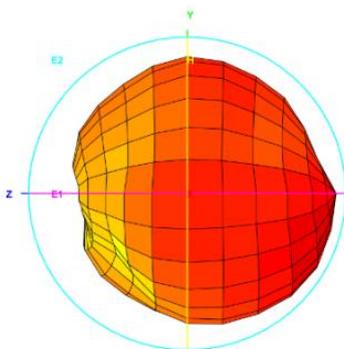
Total_3D_Top View_868MHz



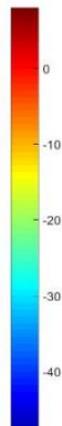
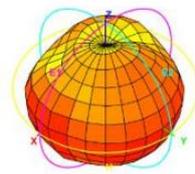
Total_3D_Front View_868MHz



Total_3D_Left View_868MHz



Total_3D_Side View 1_868MHz



Different connector variants or cable lengths are available on request.

CONTACTS

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

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