

## TECHNICAL DOCUMENTATION FILES

**MODEL : APPI-CovR**

### PRODUCT FAMILY DECLARATION

The following document outlines the similarities and differences between the PMNs (Product Marketing Name) of the APPI-CovR product. Below is the list of current PMNs, of which **B** in the PMN denotes Bluetooth interface. The difference between each of the PMNs is the type of antenna provided and with/without Bluetooth interface. Everything else is common to all variants including the optional protective isoSkin, that may simply have different colours.

<b>APPI-CovR - Product Marketing Names (with or without Bluetooth)</b>
BS-ACOU-01 / B1 – external ½-wave Nearson antenna
BS-ACOU-02 / B2 – external ¼-wave Linx antenna
BS-ACOU-03 / B3 – external ¼-wave Sam Woo compact antenna

**BS-ACOU-01 / B1** is provided with a **Nearson** ½ - wave dipole model **S463AM-915**, with the following specifications :



Frequency Range :	902 - 928 MHz	Polarization :	Vertical
Nominal Impedance :	50Ω	Connector :	SMA
Nominal Gain :	2 dBi	Dimensions (mm)	176 x 10
Nominal Radiation :	Omni	Temperature Range :	-20°C +65°C

**BS-ACOU-02 / B2** is provided with a **Linx**  $\frac{1}{4}$  - wave model **ANT-916-CW-QW-SMA**, with the following specifications :



Frequency Range :	865 - 965 MHz	Polarization :	Vertical
Nominal Impedance :	50Ω	Connector :	SMA
Nominal Gain :	1.8 dBi	Dimensions (mm)	80 x 14.5
Nominal Radiation :	Omni	Temperature Range :	-40°C +90°C

**BS-ACOU-03 / B3** is provided with a **Sam Woo**  $\frac{1}{4}$  - wave compact model : **SMAP-900-1**, with the following specifications :



Frequency Range :	824 - 960 MHz	Polarization :	Vertical
Nominal Impedance :	50Ω	Connector :	SMA
Nominal Gain :	0 dB	Dimensions (mm)	28.5 x 9.2
Nominal Radiation :	Omni	Temperature Range :	-30°C +70°C