

ANTENNA DESCRIPTION

Applicant:	ENGIE Lab CRIGEN
Device model:	PARHYS SENSOR

1.1 RF antenna 1 (868-915MHz)

Description:	Electrical Specifications		
	ANT-8/9-FPC-UFL	868 MHz	915 MHz
	Frequency Range	862 MHz to 876 MHz	902 MHz to 930 MHz
	VSWR (max.)	2.0	1.6
	Peak Gain (dBi)	-3.2	-3.0
	Average Gain (dBi)	-8.4	-7.4
	Efficiency (%)	15	19
	Polarization	Linear	
	Radiation	Omnidirectional	
	Max Power	2 W	
	Wavelength	1/2-wave	
	Electrical Type	Dipole	
	Impedance	50 Ω	
	Connection	U.FL-type plug (female socket) on 100 mm (3.94 in) of 1.13 mm coaxial cable.	
	Weight	0.6 g (0.02 oz)	
	Dimensions	39.0 mm x 15.0 mm x 0.2 mm (1.54 in x 0.59 in x 0.01 in)	
	Operating Temp. Range	-40 °C to +85 °C	
Photo:			

1.2 RF antenna 1 (BLE)

Description:	Manufacturer : PULSE P/N: ANT3216A063R2400A Measured antenna gain inside equipment: -3.5dBi
Photo:	