

PL W031-868-915

(DATASHEET)

Type	ISM antenna
Frequencies	ISM (868 MHz) ISM (915 MHz)
Mounting	Telematic Mount
Revision	00



1. PRODUCT SELECTOR

868MHz

W031-868-C675N -	SMA male with plastic cover (black)
W031-868-C442B -	SMA male RP with plastic cover (black)
W031-868-C115N -	SMA male RP (nickel plated)
W031-868-C20Nb -	SMA male (black)

915MHz

W031-915-C675N -	SMA male with plastic cover (black)
W031-915-C442B -	SMA male RP with plastic cover (black)
W031-915-C115N -	SMA male RP (nickel plated)
W031-915-C20Nb -	SMA male (black)

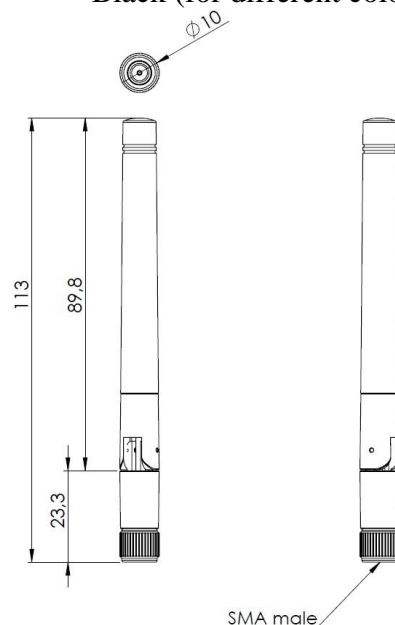
2. SPECIFICATION

2.1. Electrical Specifications

Frequencies	ISM (868 MHz) ISM (915 MHz)
Impedance	50 Ohms
Polarization	Linear
Gain	2dBi Ave.
VSWR @ 868MHz	<1.5:1
VSWR @ 915MHz	<2.5:1
Operating temperature	-40°C to +85°C

2.2. Mechanical Specifications and Dimensions

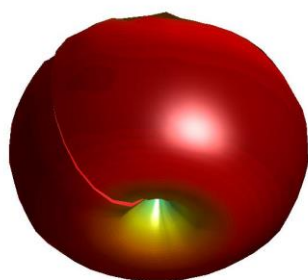
Material:	ABS
Max. dimensions:	10mm x 113mm(depends on connector size) (D x H)
Weight:	13 g
Colour:	Black (for different colours please ask our sales team)



3. MEASUREMENT

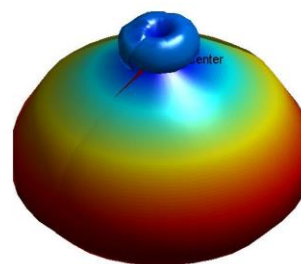
868MHz

Freq = 0.8700GHz Az= 45 EL= -45

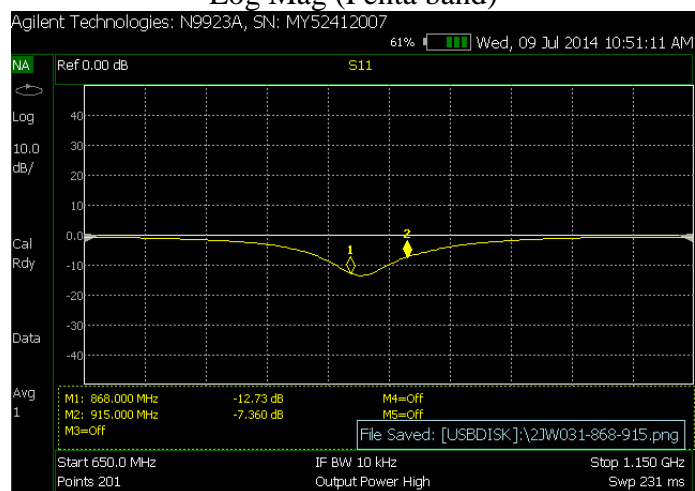


915MHz

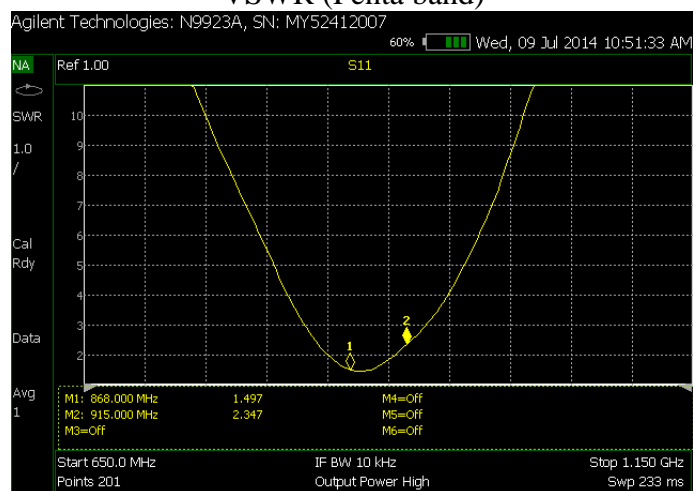
Freq = 0.9155GHz Az= 45 EL= 45



Log Mag (Penta band)



VSWR (Penta band)



4. IMAGES

