EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

2JMAS01
(DATASHEET)

Type	Multiband antenna
Frequencies	AMPS (824-894 MHz) ISM (868 MHz) GSM (900 MHz) DCS (1800 MHz) PCS (1900 MHz) 3G (UMTS 2.1 GHz) WIFI / BLUETOOTH (2.4 GHz)
Mounting	Embedded Patch Mount
Revision	00



P. Tipul D.Noble

1. SPECIFICATION

1.1. Electrical Specifications

Frequencies	AMPS (824-894 MHz) ISM (868 MHz) GSM (900 MHz) DCS (1800 MHz) PCS (1900 MHz) 3G (UMTS 2.1 GHz) WIFI / BLUETOOTH (2.4 GHz)
Impedance	50 Ohms
Polarization	Linear
Gain	0dBi
VSWR	<2.5:1
Power handling	25W
Operating temperature	-40°C to +85°C

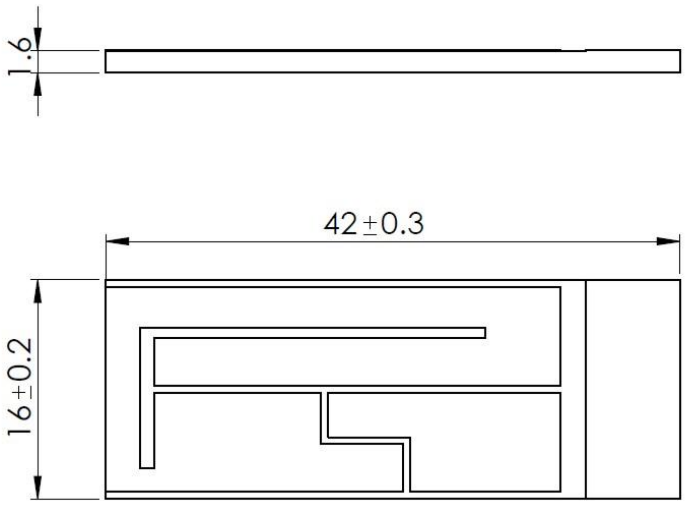
1.2. Connection Specifications

Connector type: U.FL
Cable: Microcoax 1.13
Cable length: 10 cm

For different cable length and connector type ask our sales team.

1.3. Mechanical Specifications and Dimensions

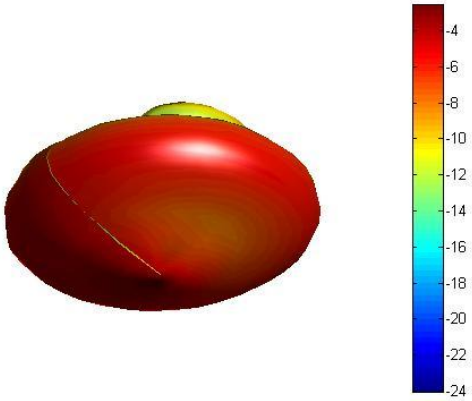
Material: FR4
Max. dimensions: 16mm x 42mm x 1.6mm (H x L x T)
Weight: 2.6 g 'weight counted with cable above'



2. MEASUREMENT

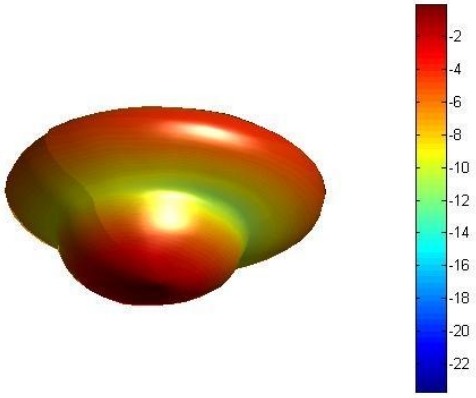
824MHz

Freq = 0.8200GHz Az= 45 EL= -45



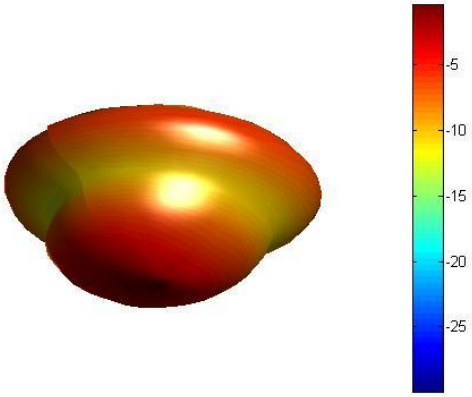
868MHz

Freq = 0.8700GHz Az= 45 EL= -45



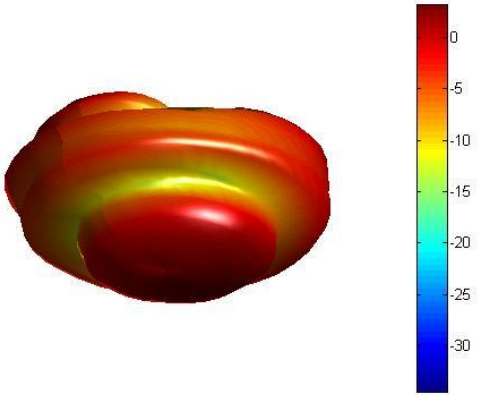
900MHz

Freq = 0.9GHz Az= 45 EL= -45



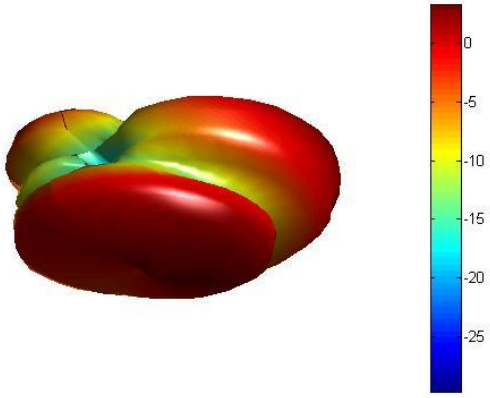
1800MHz

Freq = 1.8GHz Az= 45 EL= -45



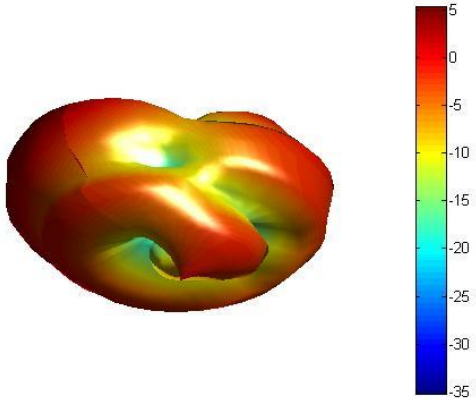
1900MHz

Freq = 1.9GHz Az= 45 EL= -45

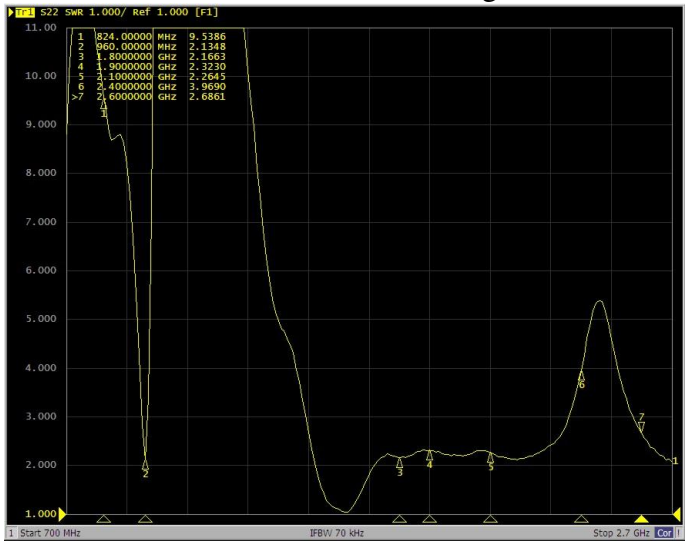


2100MHz

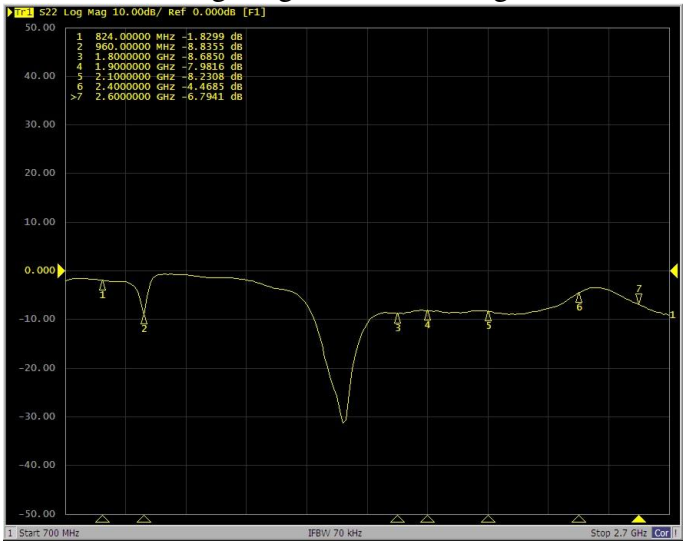
Freq = 2.1GHz Az= 45 EL= -45



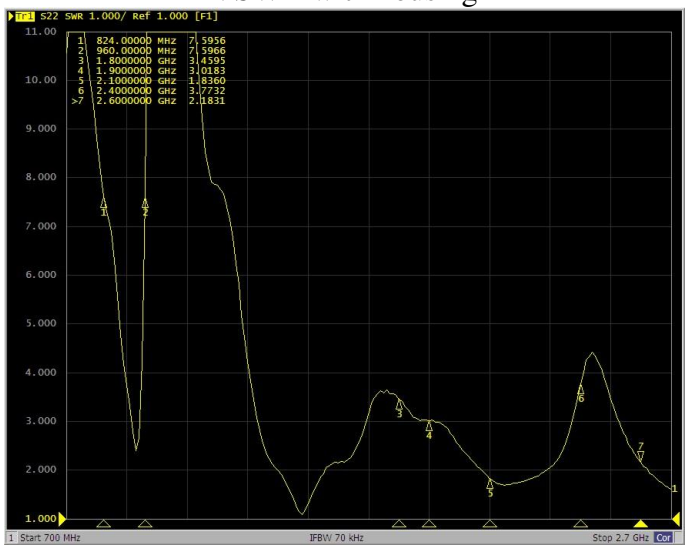
VSWR without housing



Log Mag without housing

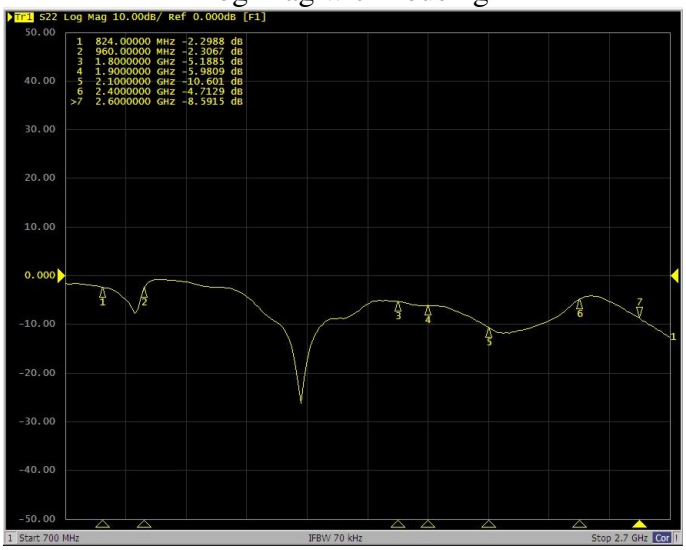


VSWR with housing



Tested inside housing 2J630, with 10cm cable length.

Log Mag with housing



Tested inside housing 2J630, with 10cm cable length.

3. IMAGES

