



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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ANT-8WPIG-UFL

Features

- $\frac{1}{4}$ Wavelength Whip Antenna
- 200mm Coax to ufl Connector
- Rugged Flexible Plastic Finish.
- Omni-Directional Design
- 50ohm Impedance
- VSWR= <2.0
- Vertical polarisation
- Operating Temp -30 to $+60^{\circ}\text{C}$
- Insulation resistance $500\text{M}\Omega$ @ 500Vdc

Applications

- General Low Power Radio
- M2M Applications
- Telemetry



Description

A $\frac{1}{4}$ wavelength whip antenna in a rugged flexible plastic finish. This ready to operate antenna required no tuning and provides optimum range and reliability to your application.

Ordering Information

Part No	Description
ANT-8WPIG-UFL	$\frac{1}{4}$ wave, 868 MHz, PIGTail antenna ufl

Mechanical Dimensions

REV.	ISSUE FOR	OLD DRAWING NO.	APPROVED	80<L<=250	±0.50
				25<L<=80	±0.40
				8<L<=25	±0.30
				L<=8	±0.20
				Length L	Tolerances without remark
				Tolerances without remark	

NOTES:

1. A rubber hose material PU+UV, color is black.
2. Working frequency: 868±10MHz.
3. VSWR: 2.0 or below
4. Center impedance : 50 ohms.
5. Coaxial Cable is 1.13mm ,Color is gray, Connector is U.FL-LP-066
6. Shipped each antenna with a nut
Do not twist the bottom plug and pack separately

TITLE	Rubber Antenna	SCALE	1 : 1	DRAWN	D . L	21/06-16
PART NAME	A	MATERIAL		INSPECTED		
		HANDLING		APPROVED		
PROJECTION (视角)					SHEET	

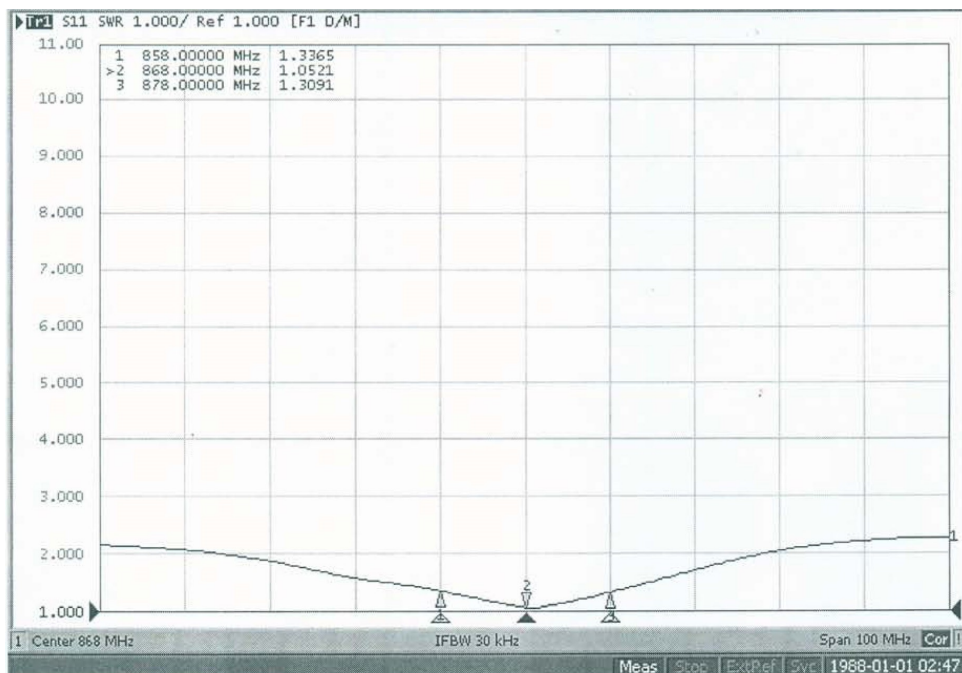
Mechanical Characteristics

Maximum Strength of fixing between Sleeve and stud

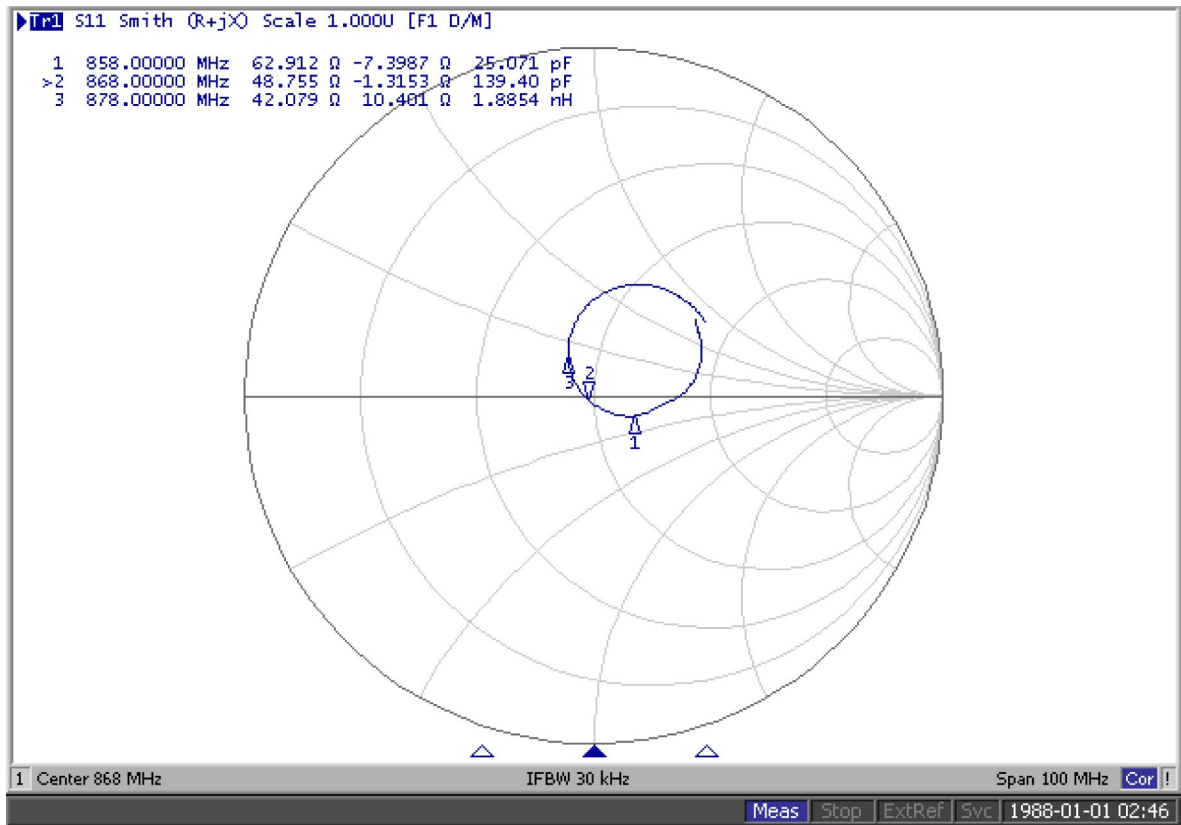
Vertical Direction 2.0Kg

Rotational force 2.0Kgcm

Performance / VSWR Plot



Performance / VSWR Plot



RF Solutions Ltd. Recycling Notice
Meets the following EC Directives:

DO NOT
Discard with normal waste, please recycle.

ROHS Directive 2002/95/EC
Specifies certain limits for hazardous substances.

WEEE Directive 2002/96/EC
Waste electrical & electronic equipment. This product
must be disposed of through a licensed WEEE collection point. RF
Solutions Ltd., fulfills its WEEE obligations
by membership of an approved compliance scheme.

Waste Batteries and Accumulators
Directive 2006/66/EC

Where batteries are fitted, before recycling the
product, the batteries must be
removed and disposed of at a licensed
collection point.

Environment Agency producer registration
number: WEE/JB0104WV.

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