

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		MATERIAL	A	INSPECTED		
		HANDLING		APPROVED		
PROJECTION (第四角)				SHEET		

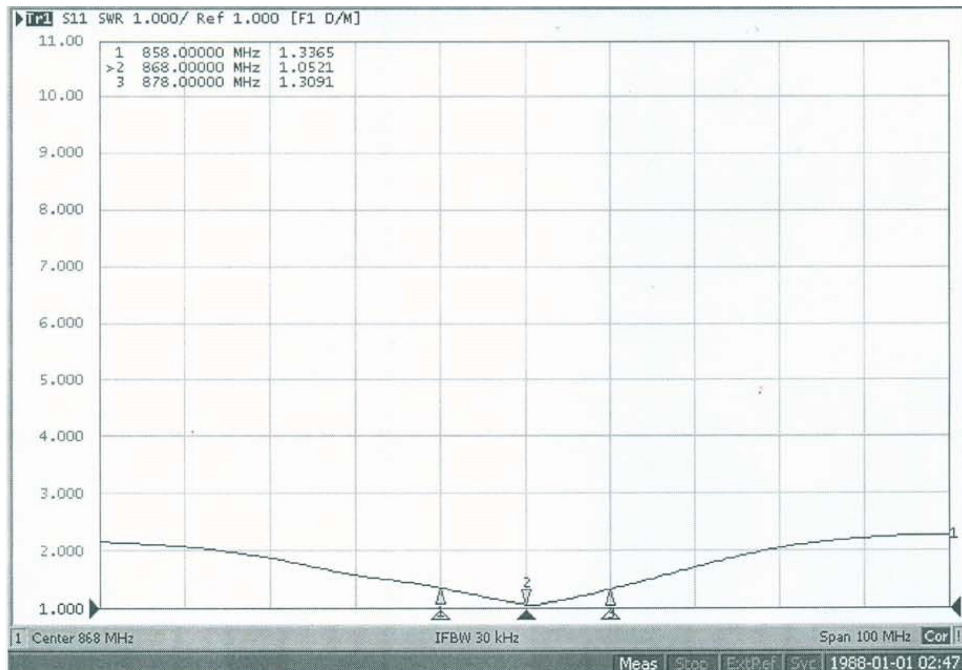
Mechanical Characteristics

Maximum Strength of fixing between Sleeve and stud

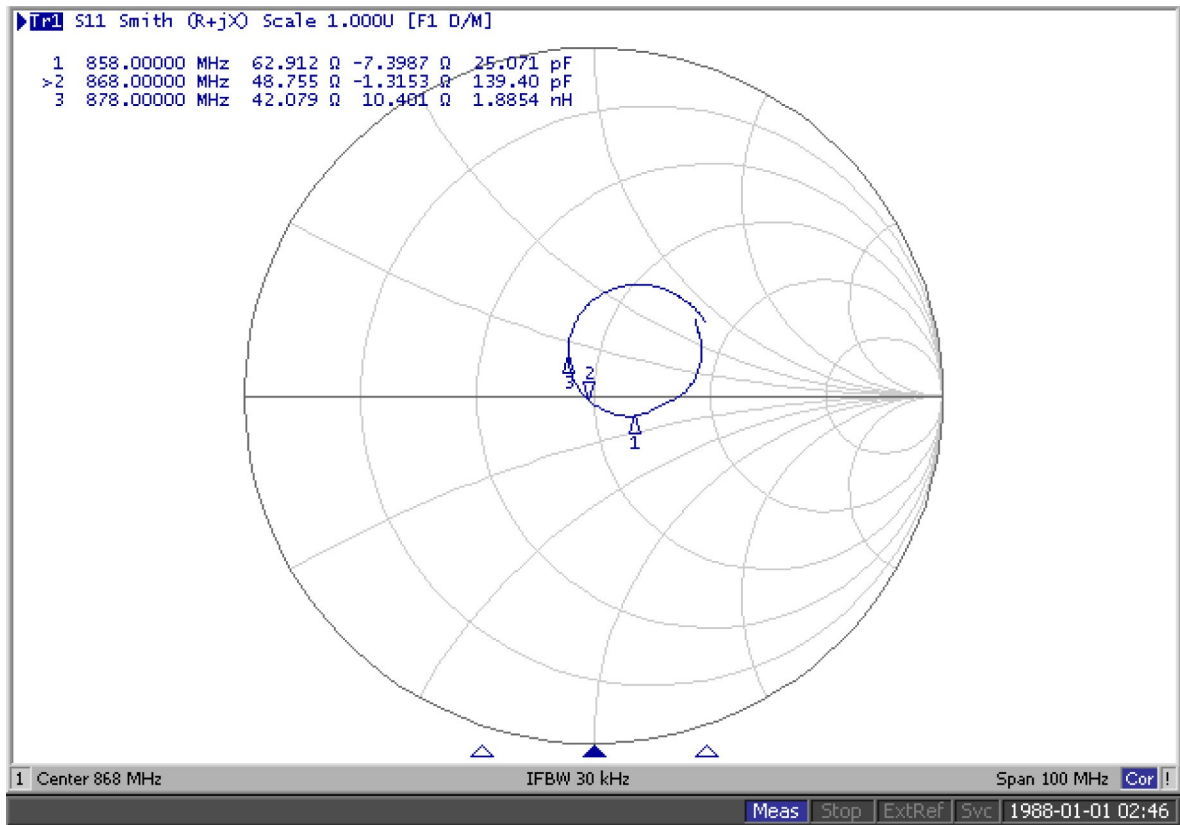
Vertical Direction 2.0Kg

Rotational force 2.0Kgcm

Performance / VSWR Plot



Performance / VSWR Plot



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Meets the following EC Directives:

DO NOT
Discard with normal waste, please recycle.

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Specifies certain limits for hazardous substances.

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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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