



Delta 22

433MHz ISM Direct Connect Antenna



Key Features

- Dedicated ISM Antenna
- ISM Band: 433MHz
- Small Antenna size with 2dBi Gain
- TETRA Compatible

General Description

The Delta 22 is a dedicated 433MHz ISM band antenna which combines good performance with a small size, enabling its use with many of today's remote control systems and 433MHz alarm systems.

Terminated with an SMA male connector, it is ideally suited to applications requiring a simple, cable free set up, such as alarm panel equipment, garage or gate remote controls and TETRA Radio Systems.

The knuckle design allows the antenna to be positioned to take best advantage of the incoming signal. Allowing straight, 45° and 90° positions along with 360° rotation. The omni directional, radiating element is capped with a black high-grade rubber mould.

Additional Considerations

- Ideal for remote control systems and wireless alarms
- Does not rely on mounting on metallic surface
- Meets all EU compliance criteria for electronic goods



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Electrical Specifications

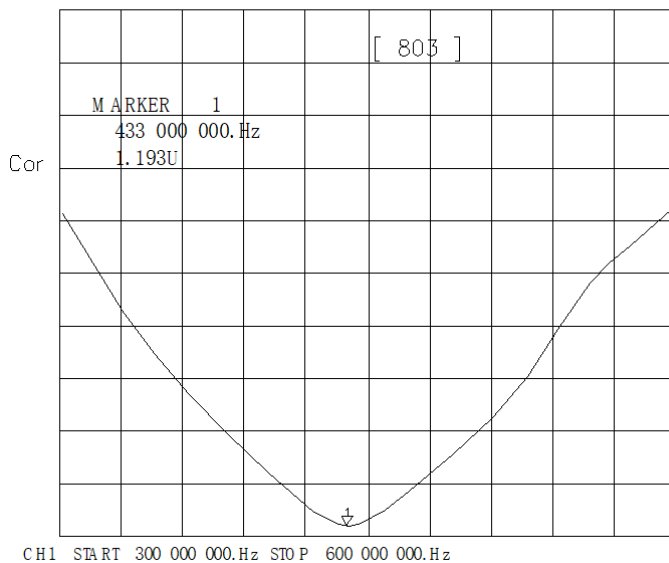
Impedance:	50 Ohm
Max Power:	50W
Peak Gain:	2 dBi
VSWR:	<1.5 @ 433MHz
Operating Frequencies:	ISM: 433MHz
Radiation:	Omni
Polarization:	Vertical

Mechanical Specifications

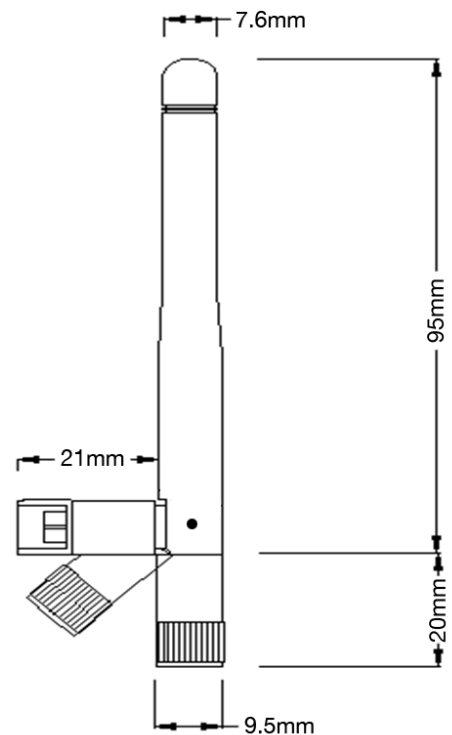
Operating Temperature range:	-20 - +60°C
Storage Temperature range:	-30 - +75°C
Dimensions:	L115mm
Connector:	SMA male
Mounting Method:	Direct connect

VSWR

CH1 A/R SWR MKR 1:1.193 U
REF 1.000 U 1.000 U/ 433 000 000.Hz



Frequency	VSWR
433MHz	1.193:1



Ordering Details

Part Number	Description
DELTA22/X/SMAM/S/S/20	433MHz ISM Band Direct Connect Antenna, SMA Male

Mouser Electronics

Authorized Distributor

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