



## Delta 21

433MHz ISM Stubby Antenna



### Key Features

- Dedicated ISM Antenna
- ISM Band: 433MHz
- Discrete Antenna size
- TETRA Compatible.

### General Description

The Delta 21 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





## Delta 21

### 433MHz ISM Stubby Antenna

#### Electrical Specifications

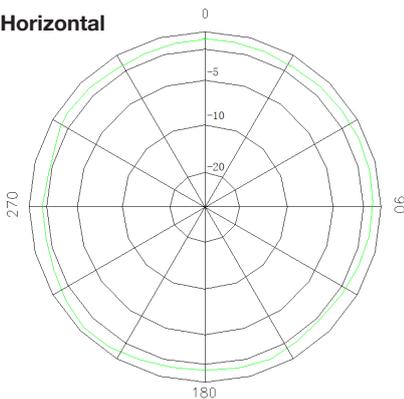
Impedance:	50 Ohm
Max Power:	50W
Peak Gain:	1 dBi
VSWR:	<1.5 @ 433MHz
Operating Frequencies:	ISM: 433MHz
Radiation:	Omni
Polarization:	Vertical

#### Mechanical Specifications

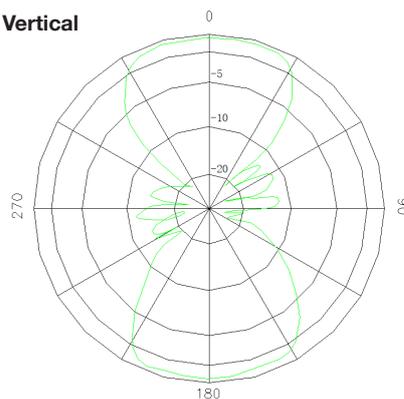
Operating Temperature range:	-20 - +60°C
Storage Temperature range:	-30 - +75°C
Dimensions:	L68mm
Connector:	SMA male
Mounting Method:	Direct connect
Radome Material:	Polyurethane

#### Radiation Plots

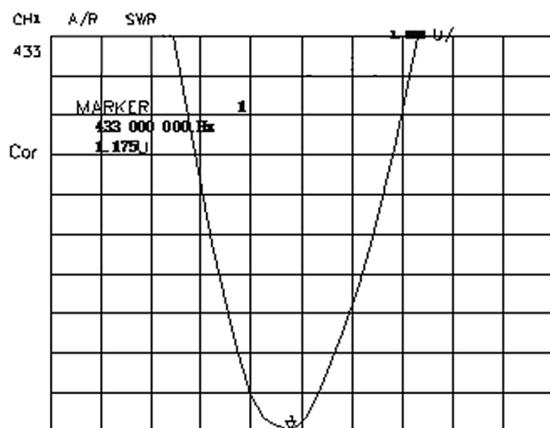
Horizontal



Vertical



#### VSWR



Frequency	VSWR
433MHz	1.175:1

#### Ordering Details

Part Number	Description
DELTA21/X/SMAM/S/S/20	Stubby 433MHz ISM Band Antenna, SMA Male