



## Key Features

- Range of ISM frequency bands available
- 3dBi gain / 5dbi high gain
- ¼ wave radiating element
- 130mm whip antenna / 170mm high gain

## General Description

The Delta 12s are a range of ¼ wave ISM whip antennas. This style of antenna is offered in a number of different frequencies that meets all the popular ISM bands. Great quality and affordable pricing, this antenna is perfect for high volume ISM applications within the mobile applications world.

The Delta 12s can be tuned to the ISM (Industrial, Scientific and Medical) radio frequency bands of 151/173, 433/458, 869 and 915MHz. 151/173MHz and 433/458MHz dictate combined frequencies into one antenna. The same style and dimensions of the housing/casing is used for each antenna regardless of its frequency.

## Key Specifications - Electrical

Frequency:	151/173, 433/458, 869, 915MHz
Impedance:	50 ohm
VSWR:	<2
Gain:	3dBi / 5dBi high gain
Polarization:	Vertical ¼ wave
Radiation:	Omnidirectional
Max input power:	50W

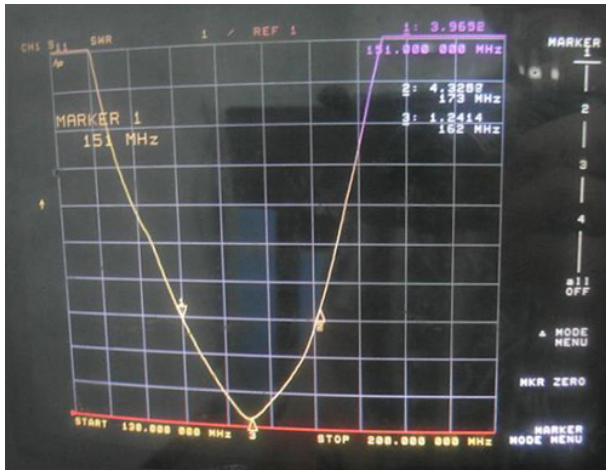
## Key Specifications - Mechanical

Dimensions:	130mm / 170mm high gain (Length)
Connector:	SMA male
Mounting method:	Direct connect

Rev 1.7

### Test Report

#### SWR Graph - 151 & 173MHz



### Ordering Details:

Part number	Description
DELTA12/X/SMAM/S/S/17	151/173MHz Whip Antenna, SMA Male Connector (130mm Long)
DELTA12/X/BNCM/S/S/17	151/173MHz Whip Antenna, BNC Male Connector (130mm Long)
DELTA12A/X/SMAM/S/S/17	433/458MHz Whip Antenna, SMA Male Connector (130mm Long)
DELTA12A/X/BNCM/S/S/17	433/458MHz Whip Antenna, BNC Male Connector (130mm Long)
DELTA12B/X/SMAM/S/S/17	869MHz Whip Antenna, SMA Male Connector (130mm Long)
DELTA12B/X/BNCM/S/S/17	869MHz Whip Antenna, BNC Male Connector (130mm Long)
DELTA12B/X/SMAM/S/S/17 HIGH GAIN	868MHz High Gain Whip Antenna, SMA Male Connector (170mm Long)
DELTA12C/X/SMAM/S/S/17	915MHz Whip Antenna, SMA Male Connector (130mm Long)
DELTA12C/X/BNCM/S/S/17	915MHz Whip Antenna, BNC Male Connector (130mm Long)
DELTA12C/X/SMAM/S/S/17 HIGH GAIN	916MHz High Gain Whip Antenna, SMA Male Connector (170mm Long)