Datasheet

# PI-2C

## Flexible Helical Miniaturized Whip Antenna (136-240 MHz)

Flexible helical whip antenna, especially made for use on portable transceivers.

- Wide range of different connector options available to connect to various transceivers
- Designed for Private Mobile Radios (PMR), such as Teltronic, Motorola, etc.
- Tunable to a specific frequency see cutting diagram
- Miniaturized version of PI-2



## **ELECTRICAL SPECIFICATIONS**

| Туре             | Helical 1/4 λ Antenna |
|------------------|-----------------------|
| Frequency        | 135 - 175 MHz         |
| Impedance        | 50 Ohm                |
| VSWR             | < 2.0 @ f.res.        |
| Gain             | 0 dBd, 2.1 dBi        |
| Polarisation     | Vertical              |
| Max. Input Power | 25 W                  |

## MECHANICAL SPECIFICATIONS

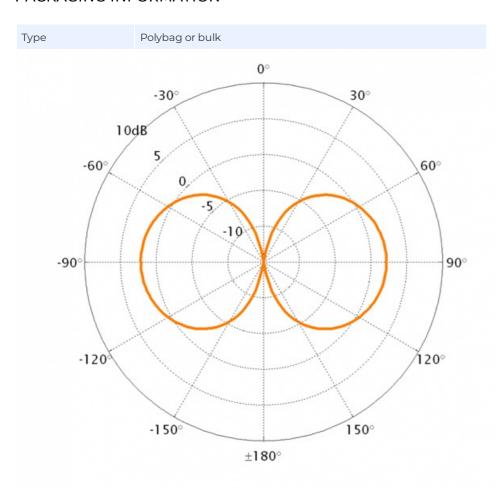
| Color                    | Black                |
|--------------------------|----------------------|
| Height                   | Max.140 mm           |
| Weight                   | Max. 20 g            |
| Mounting Place           | On transceivers etc. |
| Materials                | PE, steel and copper |
| Operating<br>Temperature | -40 to +70 °C        |

Datasheet

## ORDERING INFORMATION

| PI-2C/BNC  | Antenna with BNC-male       |
|------------|-----------------------------|
| PI-2C/TNC  | Antenna with TNC-male       |
| PI-2C/N    | Antenna with Type N-male    |
| PI-2C/PL   | Antenna with UHF-male       |
| PI-2C/SMAM | Antenna with SMA-male       |
| PI-2C/SMAH | Antenna with SMA-female     |
| PI-2C/IN   | Antenna with Type IN-male   |
| PI-2C/M3   | Antenna with M3-male thread |
| PI-2C/M5   | Antenna with M5-male thread |
| PI-2C/M6   | Antenna with M6-male thread |

## PACKAGING INFORMATION



Printed: 7/27/2024

Datasheet

