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# **PI-4**

# Flexible Helical Whip Antenna (70 - 90 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



#### **ELECTRICAL SPECIFICATIONS**

| Туре             | Helical 1/4 λ Antenna |
|------------------|-----------------------|
| Frequency        | 70 - 90 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. 290 mm          |
| Weight                   | Max. 70 g            |
| Mounting Place           | On transceivers etc. |
| Materials                | PE, steel and copper |
| Operating<br>Temperature | -40 to +70 °C        |

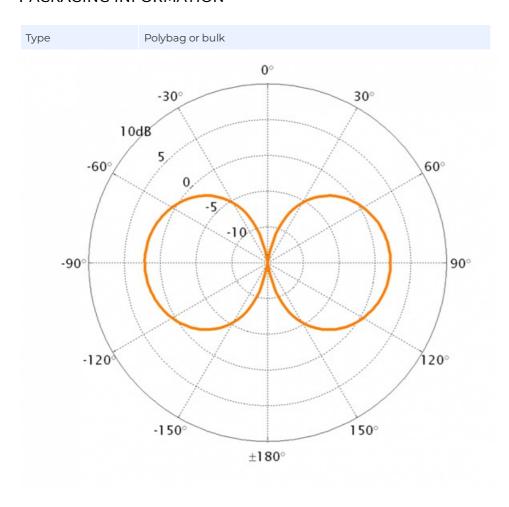
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## ORDERING INFORMATION

| PI-4/BNC   | Antenna with BNC-male       |
|------------|-----------------------------|
| PI-4/TNC   | Antenna with TNC-male       |
| PI-4/BNC90 | Antenna with BNC-male-angle |
| PI-4/N     | Antenna with Type N-male    |
| PI-4/PL    | Antenna with UHF-male       |
| PI-4/SMAM  | Antenna with SMA-male       |

## PACKAGING INFORMATION



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