

# HE435 (FME)

## Flexible Helical whip antenna with FME-connector

Flexible Helical whip antenna with integrated FME-connector, especially made for use on portable transceivers. In order to install the antenna on various transceivers a wide range of connector adapters are available (not included)

- FME CONNECTOR ADAPTER SYSTEM FOR UNIVERSAL FITTING

## ELECTRICAL SPECIFICATIONS

|                  |                     |
|------------------|---------------------|
| Frequency        | 420 - 450 MHz (UHF) |
| Bandwidth        | 30 MHz              |
| Impedance        | 50 ohm              |
| Vswr             | <2.0 @ f.res.       |
| Polarisation     | Vertical            |
| Gain             | 0 dBd, 2.1 dBi      |
| Max. Input Power | 50 W                |

## MECHANICAL SPECIFICATIONS

|                       |                          |
|-----------------------|--------------------------|
| Color                 | Black                    |
| Height                | Approx. 70 mm            |
| Weight                | 20 g                     |
| Mounting Place        | On transceivers etc.     |
| Materials             | POM, PE, steel and brass |
| Operating Temperature | -40C to +70C             |
| Connector             | FME-female               |



## ORDERING INFORMATION

|     |   |
|-----|---|
| P/N | 14105 (Antenna whip only)                           |
| P/N | 14105IP (Antenna whip only - Bulk packing)          |
| P/N | 14148 (Antenna + TNC-male adapter)                  |
| P/N | 14148IP (Antenna + TNC-male adapter - Bulk packing) |
| P/N | 14160 (Antenna + BNC-male adapter)                  |
| P/N | 14160IP (Antenna + BNC-male adapter - Bulk packing) |

## PACKAGING INFORMATION

|      |                 |
|------|-----------------|
| Type | Polybag or bulk |
|------|-----------------|

