

Helical Antenna with Universal FME-Connection System
for Portable Equipment in the 4 m and 2 m Bands

DESCRIPTION

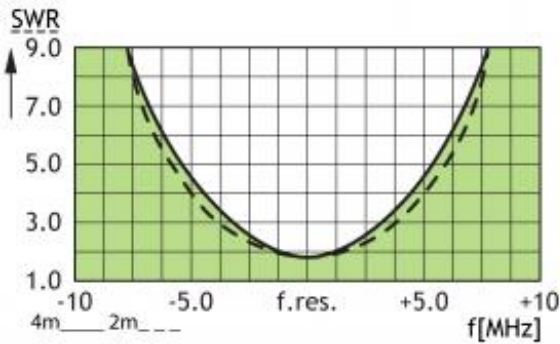
- Flexible, conical steel helix moulded in thermoplastic rubber.
- Significant reduction of length due to the helical principle.
- Optimum performance compared to physical dimensions.
- Delivered factory tuned and tested to ensure minimum SWR.
- Provided with universal FME-connection system for optimum flexibility and easily exchangeable connectors.
- Designed for use with the following of Procoms line of black FME-connectors (to be ordered separately): BFME-UHF, BFME-BNC, BFME-TNC and BFME-N.

ORDERING

Type	Product No.
HX 4/2/...-FME	14000073

ADDITIONAL DATA

SWR CURVE



RECOMMENDED BFME-CONNECTORS



(To be ordered separately)

PLEASE NOTE

The HX 4/2 is also available with different thread studs, but in this case with fixed, non-exchangeable connector (not FME-connection system). Information on these special versions on request.



SPECIFICATIONS

Electrical	
Model	HX 4/2/...-FME
Frequency	80 MHz band: freq. to be stated within: 66...88 MHz 160 MHz band: freq. to be stated within: 144...175 MHz
Antenna Type	Shortened 1/4λ helical antenna
Max. Input Power	50 W
Polarisation	Vertical
Impedance	50 Ω
VSWR	< 2.0:1 when mounted directly on portable equipment
Bandwidth	80 MHz: = 6 MHz @ SWR = 3.0:1 160 MHz: = 8 MHz @ SWR = 3.0:1
Mechanical	
Connection(s)	FME female (Exchangeable BFME-connectors to be ordered separately)
Materials	Steel helix moulded in thermoplastic rubber Black-chromed brass
Colour	Black
Height	290 mm / 11.42 in.
Weight	0.08 kg / 0.18 lb

