

# HX 4/...-FME

*Helical Antenna with Universal FME-Connection System for Portable Equipment in the 4 m Band*

**PROCOM**



## 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, BFME-N and BFME-MQ.

## ORDERING DESIGNATIONS:

FREQUENCY	66–76 MHz	72–82 MHz	78–88 MHz
TYPE NO.	HX 4/l-FME	HX 4/m-FME	HX 4/h-FME

## SPECIFICATIONS:

ELECTRICAL	
ANTENNA TYPE	Shortened 1/4 λ helical antenna for portable equipment
FREQUENCY	4 m band covered by three models
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
BANDWIDTH	≥ 10 MHz at SWR ≤ 3.0
SWR	< 2 when mounted directly on portable equipment
MAX. POWER	50 watt
MECHANICAL	
MATERIALS	Steel helix moulded in thermoplastic rubber Black-chromed brass
COLOUR	Black
TOTAL HEIGHT	Approx. 290 mm (dep. on type)
WEIGHT	Approx. 80 g
CONNECTOR	FME (female) (Exchangeable BFME-connectors to be ordered separately)

### PLEASE NOTE:

The HX 4 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.

## RECOMMENDED BFME-CONNECTORS:

(To be ordered separately)

