

# HX 4/70-FME

**Helical Antenna with Universal FME-Connection System for Portable Equipment in the 4 m and 70 cm Bands**

**PROCOM**



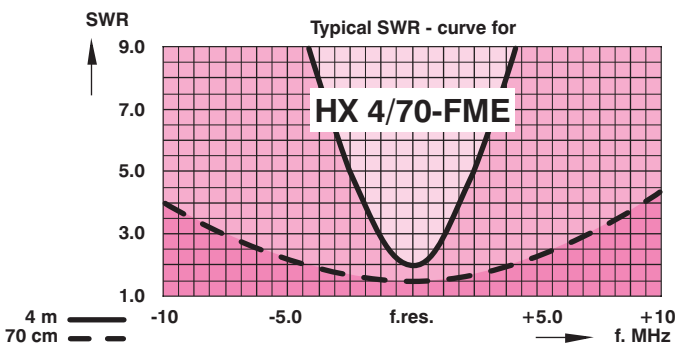
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## DESCRIPTION:

- ★ 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.

## SPECIFICATIONS:

ELECTRICAL	
MODEL	HX 4/70-FME
ANTENNA TYPE	Shortened $1/4 \lambda$ helical antenna for portable equipment
FREQUENCY	80 MHz band: freq. to be stated within: 66...88 MHz 450 MHz band: freq. to be stated within: 380...450 MHz
IMPEDANCE	Nom. 50 $\Omega$
POLARISATION	Vertical
BANDWIDTH	80 MHz: $\geq 6$ MHz @ SWR $\leq 3.0$ 450 MHz: $\geq 25$ MHz @ SWR $\leq 3.0$
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 4/70 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)

