

# HX 70/...-FME

Antenna with Universal FME-Connection System for Portable Equipment in the 70 cm Band

## DESCRIPTION

- Short conical steel helix moulded in flexible thermoplastic rubber.
- Reduced-size  $\frac{1}{4} \lambda$  helical antenna whip.
- 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, BFME-MUHF, BFME-EBNC, BFME-ETNC and BFME-EMUHF.



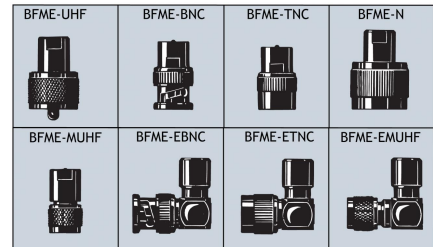
## ORDERING DESIGNATIONS

TYPE	PRODUCT NO.	FREQUENCY
HX 70/s-FME	140000195	380 – 410 MHz
HX 70/l-FME	140000204	400 – 430 MHz
HX 70/m-FME	140000205	420 – 450 MHz
HX 70/h-FME	140000201	440 – 470 MHz

## SPECIFICATIONS

ELECTRICAL	
MODEL	HX 70/...-FME
ANTENNA TYPE	Shortened $\frac{1}{4} \lambda$ antenna for portable equipment
FREQUENCY	70 cm band covered by four models
IMPEDANCE	Nom. 50 $\Omega$
POLARISATION	Vertical
GAIN	Approx. -3 dB (equal to a $\frac{1}{4} \lambda$ portable antenna on the same equipment)
BANDWIDTH	$\geq 20$ MHz @ SWR $\leq 2.0$
SWR	<1.5 when mounted directly on portable equipment
MAX. POWER	50 W
MECHANICAL	
MATERIALS	Steel helix moulded in flexible thermoplastic rubber Black-chromed brass
COLOUR	Black
TOTAL HEIGHT	Approx. 65 mm (dep. on type)
WEIGHT	Approx. 20 g
CONNECTOR	FME (female) (Exchangeable BFME-connectors to be ordered separately)

## RECOMMENDED BFME-CONNECTORS



(To be ordered separately)

## PLEASE NOTE

The HX 70 is also available with SMA male connector and different thread studs, but in this case with fixed, non-exchangeable connector (not FME-connection system). Information on these special versions on request.



PROCOM A/S reserve the right to amend specifications without prior notice.  
16/05/12