

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

DESCRIPTION

- Flexible antenna made of steel wire covered with silicone tube.
- Full-size ¼ λ whip.
- Highest quality materials.
- Delivered factory tuned and tested to ensure minimum VSWR.
- 3 dB gain (typ.) compared to a ¼ λ antenna whip on the same equipment.
- 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.



SPECIFICATIONS

Electrical	
Model	FLX 70/...-FME
Frequency	70 cm band covered by three models
Antenna Type	Antenna for portable equipment
Max. Input Power	200 W
Polarisation	Vertical
Impedance	50 Ω
Gain	0 dB (compared to a ¼ λ portable antenna)
VSWR	< 2.0:1 when mounted directly on portable equipment
Bandwidth	≥ 50 MHz @ VSWR ≤ 2.5

Mechanical	
Connection(s)	FME(f) (Exchangeable BFME-connectors to be ordered separately) Also models with SMA(m) connector
Materials	Silicone tube over steel wire Weather- and shockproof plastics
Colour	Black
Height	Approx. 200 mm / 7.87 in. (dep. on type)
Weight	Approx. 0.025 kg / 0.06 lb.

ORDERING

Model	Product No.	Frequency
FLX 70/s-FME	140000166	380 – 430 MHz
FLX 70/l-FME	140000170	400 – 450 MHz
FLX 70/h-FME	140000159	420 – 470 MHz
FLX 70/s-SMA	140000408	380 - 430 MHz
FLX 70/l-SMA	140000294	400 - 450 MHz
FLX 70/h-SMA	140000309	420 - 470 MHz

RECOMMENDED BFME-CONNECTORS

BFME-UHF	BFME-BNC	BFME-TNC	BFME-N
BFME-MUHF	BFME-EBNC	BFME-ETNC	BFME-EMUHF

(To be ordered separately)

PLEASE NOTE

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