

# FLX 2412/...-FME

End-Fed  $\frac{1}{2} \lambda$  Dipole Antenna with Universal FME-Connection System for Portable Equipment in the 2500 MHz Band

## DESCRIPTION

- Flexible antenna made of steel wire covered with black silicone tubing.
- End-fed  $\frac{1}{2} \lambda$  whip – groundplane independent.
- High gain and efficient decoupling from the portable equipment due to half-wave design.
- 5 dB gain compared to a  $\frac{1}{4} \lambda$  antenna whip on the same equipment.
- Highest quality materials in a long-lasting and durable design.
- Models available for the ISM, RLAN, WLAN systems.
- Provided with universal FME-connection system for optimum flexibility and easily exchangeable connectors.
- Designed for use with the following of Procom's line of black FME-connectors (to be ordered separately): BFME-BNC, BFME-TNC, BFME-N, BFME-MUHF, BFME-EBNC, BFME-ETNC and BFME-EMUHF.



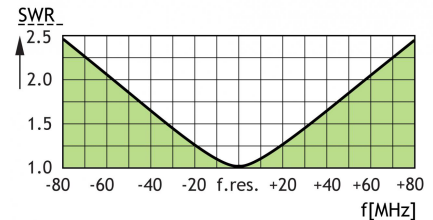
## ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
FLX 2412/...-FME	140000223

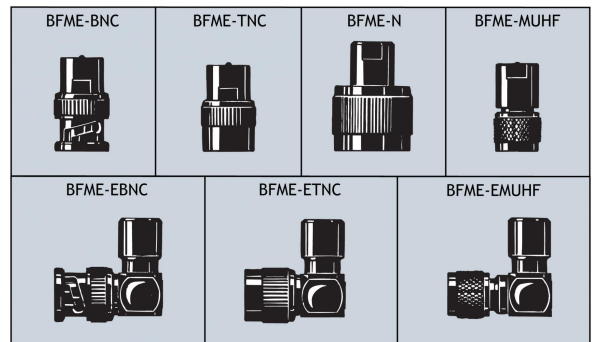
## SPECIFICATIONS

ELECTRICAL	
MODEL	FLX 2412/...-FME
ANTENNA TYPE	End-fed $\frac{1}{2} \lambda$ antenna for portable equipment
FREQUENCY	To be specified within 2300 – 2500 MHz
IMPEDANCE	Nom. 50 $\Omega$
POLARIZATION	Vertical
GAIN	5 dB (compared to a $\frac{1}{4} \lambda$ portable antenna on the same equipment)
BANDWIDTH	$\geq 100$ MHz @ SWR $\leq 2.0$
SWR	$< 1.3$ @ f. res.
MAX. POWER	25 W
MECHANICAL	
MATERIALS	Silicone tube over flexible steel wire Black-chromed brass
COLOUR	Black
TOTAL HEIGHT	Approx. 100 mm
WEIGHT	Approx. 22 g
CONNECTOR	FME (female) (Exchangeable BFME-connectors to be ordered separately)

## TYPICAL SWR CURVE



## RECOMMENDED BFME-CONNECTORS



(To be ordered separately)



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

27/07/12