

FLX 2412/...-SMA

End-Fed $1/2 \lambda$ Dipole Antenna with
SMA-Connector for Portable Equipment
in the 2400 MHz Band

PROCOM

DESCRIPTION:

- ★ Flexible antenna made of steel wire covered with black silicone tubing.
- ★ End-fed $1/2 \lambda$ whip – groundplane independent.
- ★ High gain and efficient decoupling from the portable equipment due to half-wave design.
- ★ 5 dB gain compared to a $1/4 \lambda$ 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 SMA (male) connector.

ORDERING DESIGNATIONS:

When ordering the antenna, please state the centre frequency, e.g. FLX 2412/2450-SMA for centre frequency 2450 MHz.

SPECIFICATIONS:

ELECTRICAL	
MODEL	FLX 2412/...-SMA
ANTENNA TYPE	End-fed $1/2 \lambda$ antenna for portable equipment
FREQUENCY	To be specified within 2300–2500 MHz
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	5 dB (compared to a $1/4 \lambda$ portable antenna on the same equipment)
BANDWIDTH	> 100 MHz @ SWR \leq 2.0
SWR	< 1.3 @ f. res.
MAX. POWER	25 watt
MECHANICAL	
MATERIALS	Silicone tube over flexible steel wire Black-chromed brass
COLOUR	Black
HEIGHT	Approx. 85 mm
WEIGHT	Approx. 22 g
CONNECTOR	SMA (male)

