

# FLX 2412/...-SMA

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

PROCOM

## DESCRIPTION:

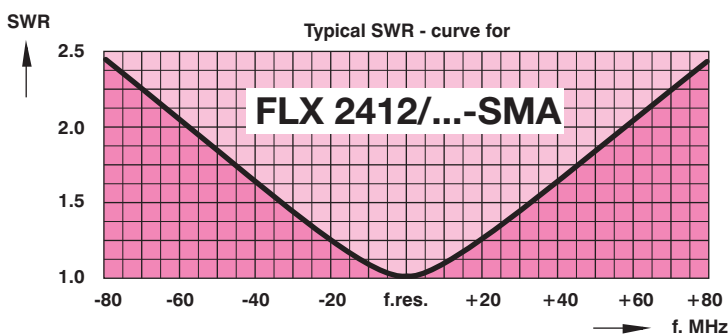
- ★ Flexible antenna made of steel wire covered with black silicone tubing.
- ★ End-fed  $1/2 \lambda$  whip – groundplane independent.
- ★ High gain and efficient decoupling from the portable equipment due to half-wave design.
- ★ 5 dB gain compared to a  $1/4 \lambda$  antenna whip on the same equipment.
- ★ 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 $\Omega$                                                          |
| 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<br>Black-chromed brass             |
| COLOUR       | Black                                                                     |
| HEIGHT       | Approx. 85 mm                                                             |
| WEIGHT       | Approx. 22 g                                                              |
| CONNECTOR    | SMA (male)                                                                |



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