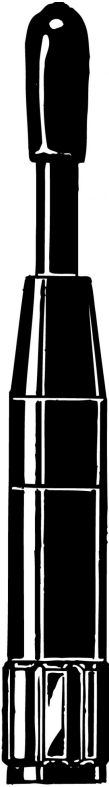


FLX 2412/...-RSMA

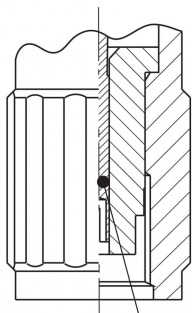
End-Fed $\frac{1}{2} \lambda$ Dipole Antenna with RSMA-Connector for Portable Equipment in the 2400 MHz Band

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 RSMA connector.



RSMA CONNECTOR DETAILS



Female inner conductor

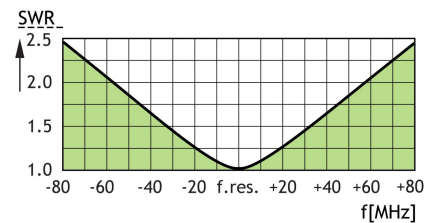
ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
FLX 2412/...-RSMA	140000230

SPECIFICATIONS

ELECTRICAL	
MODEL	FLX 2412/...-RSMA
ANTENNA TYPE	End-fed $\frac{1}{2} \lambda$ antenna for portable equipment
FREQUENCY	To be specified within 2300 – 2500 MHz
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	5 dB (compared to a $\frac{1}{4} \lambda$ portable antenna on the same equipment)
BANDWIDTH	≥ 100 MHz @ SWR ≤ 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. 85 mm
WEIGHT	Approx. 22 g
CONNECTOR	RSMA

TYPICAL SWR CURVE



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

07/12/11