

FLX 400/900-SMA

End-Fed $\frac{1}{2} \lambda$ Whip on 900 MHz and $\frac{1}{4} \lambda$ Whip on 400 MHz for Portable Equipment

DESCRIPTION

- Flexible antenna made of steel wire covered with black silicone tubing.
- End-fed $\frac{1}{2} \lambda$ whip on 900 MHz, and $\frac{1}{4} \lambda$ whip on 400 MHz.
- High gain and efficient decoupling from the portable equipment due to half-wave design.
- 5 dB gain on 900 MHz compared to a $\frac{1}{4} \lambda$ antenna whip on the same equipment.
- Highest quality materials in a long-lasting and durable design.
- Provided with SMA male connector.



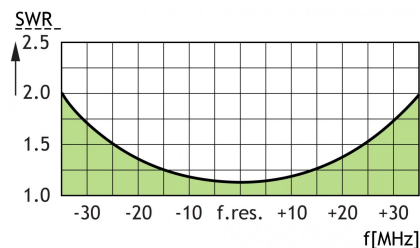
ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
FLX 400/900-SMA	140000214

SPECIFICATIONS

ELECTRICAL	
MODEL	FLX 400/900-SMA
ANTENNA TYPE	End-fed $\frac{1}{2} \lambda$ on 900 MHz and $\frac{1}{4} \lambda$ on 400 MHz antenna for portable equipment
FREQUENCY	400 MHz band: 270 - 450 MHz 900 MHz band: 830 - 920 MHz
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	5 dB on 900 MHz (compared to a $\frac{1}{4} \lambda$ portable antenna on the same equipment)
BANDWIDTH	400 MHz: ≥ 180 MHz @ SWR ≤ 5.0 900 MHz: ≥ 90 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. 180 mm
WEIGHT	Approx. 30 g
CONNECTOR	SMA (male)

TYPICAL SWR CURVE



PROCOM France S.A.R.L. se réserve le droit d'améliorer les spécifications sans préavis.

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