

FLX 400/900-SMA

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

PROCOM

DESCRIPTION:

- ★ Flexible antenna made of steel wire covered with black silicone tubing.
- ★ End-fed $1/2 \lambda$ whip on 900 MHz, and $1/4 \lambda$ 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 $1/4 \lambda$ antenna whip on the same equipment.
- ★ Highest quality materials in a long-lasting and durable design.
- ★ Provided with SMA male connector.

TETRA

SPECIFICATIONS:

ELECTRICAL	
MODEL	FLX 400/900-SMA
ANTENNA TYPE	End-fed $1/2 \lambda$ on 900 MHz and $1/4 \lambda$ on 400 MHz antenna for portable equipment
FREQUENCY	400 MHz band: 270-450 MHz 900 MHz band: 830-920 MHz
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	5 dB on 900 MHz (compared to a $1/4 \lambda$ 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 watt
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)

