

# TFA 400/900/1800-SMA

1/4  $\lambda$  Triple Frequency Antenna for 400, 900 and 1800 MHz bands Designed for portable equipment

PROCOM



## DESCRIPTION:

- ★ This antenna makes it possible to operate on 400, 900 and 1800 MHz at the same time on one antenna
- ★ Flexible antenna element built into an elastic shroud of hard-wearing and environment-proof plastics
- ★ Ready-tuned and unity gain on all 3 bands.
- ★ Provided with SMA male connector.

TETRA/EGSM/DCS1800

## ORDERING DESIGNATIONS:

The antenna is delivered factory-tuned. Other frequencies on request.

## SPECIFICATIONS:

ELECTRICAL	
MODEL	TFA 400/900/1800-SMA
ANTENNA TYPE	Triple frequency portable antenna
FREQUENCY	380-430 MHz 880-960 MHz 1710-1880 MHz
IMPEDANCE	Nom. 50 $\Omega$
POLARISATION	Vertical
GAIN	0 dB compared to a 1/4 $\lambda$ portable antenna on the same equipment
BANDWIDTH	400 MHz : $\geq 50$ MHz @ SWR $\leq 2.0$ 880-960 MHz : $\geq 80$ MHz @ SWR $\leq 2.0$ 1710-1880 MHz : $\geq 300$ MHz @ SWR $\leq 2.5$
SWR	400 MHz : $\leq 1.3$ @ f. res. 900 MHz : $\leq 1.5$ @ f. res. 1800 MHz : $\leq 2.2$ @ f. res.
MAX. POWER	25 watts
MECHANICAL	
MATERIALS	Thermoplastic rubber Cu-nite Brass
COLOUR	Black
TOTAL HEIGHT	Approx. 140 mm
WEIGHT	Approx. 20 g
CONNECTOR	SMA (male)

