

# TFA 400/900/1800-SMA

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

## 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 weather- and shockproof plastics.
- Ready-tuned and unity gain on all 3 bands.
- Provided with SMA male connector.



## ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
TFA 400/900/1800-SMA	140000240

## 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 $\Omega$
POLARIZATION	Vertical
GAIN	0 dB compared to a $\frac{1}{4}$ $\lambda$ 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 : $< 1.3$ @ f. res. 900 MHz : $< 1.5$ @ f. res. 1800 MHz : $< 2.2$ @ f. res.
MAX. POWER	25 W
MECHANICAL	
MATERIALS	Thermoplastic rubber Cu-nite Brass
COLOUR	Black
TOTAL HEIGHT	Approx. 140 mm
WEIGHT	Approx. 20 g
CONNECTOR	SMA (male)



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