

¼ λ 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.



SPECIFICATIONS

Electrical	
Model	TFA 400/900/1800-SMA
Frequency	380 - 430 MHz 880 - 960 MHz 1710 - 1880 MHz
Antenna Type	Triple frequency portable antenna
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 Ω
Gain	0 dB (compared to a ¼ λ portable antenna)
VSWR	400 MHz : < 1.3:1 @ f. res. 900 MHz : < 1.5:1 @ f. res. 1800 MHz : < 2.2:1 @ f. res.
Bandwidth	400 MHz : = 50 MHz @ VSWR = 2.0:1 880 - 960 MHz : = 80 MHz @ VSWR = 2.0:1 1710 - 1880 MHz : = 300 MHz @ VSWR = 2.5:1

Mechanical	
Connection(s)	SMA(m)
Materials	Thermoplastic rubber Cu-nite Brass
Colour	Black
Height	Approx. 140 mm / 5.51 in.
Weight	Approx. 0.02 kg / 0.04 lb.

ORDERING

Model	Product No.
TFA 400/900/1800-SMA(m)	140000240

NOTE

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