

# ELF 1300/...-TNC

*"Elevated-Feed" 1/2  $\lambda$  Dipole Antenna for Portable Equipment in the 1300 MHz Band*

PROCOM



## DESCRIPTION:

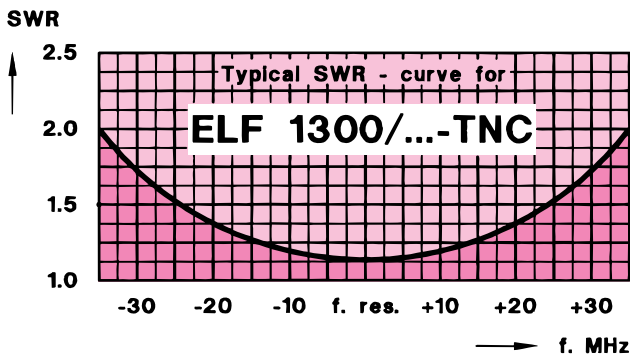
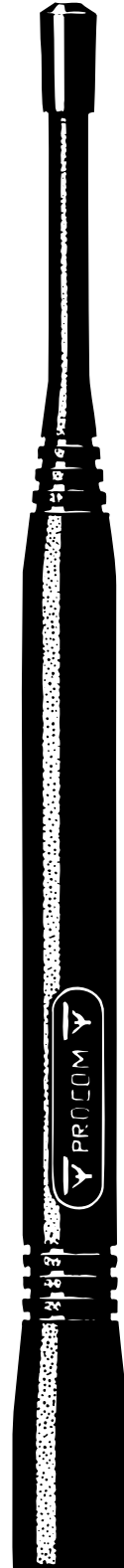
- ★ Flexible skirt dipole antenna element built into an elastic shroud of hard-wearing and environment-proof plastics.
- ★ "Elevated feed" 1/2  $\lambda$ -dipole antenna element – groundplane independent.
- ★ High gain and efficient decoupling from the portable equipment due to half-wave design.
- ★ 5 dB gain (typ.) compared to a 1/4  $\lambda$  antenna whip on the same equipment.
- ★ Highest quality materials in a modern "High-Tech" design.
- ★ Delivered factory tuned to customer's specified frequency.
- ★ Provided with TNC (male) connector.

## ORDERING DESIGNATIONS:

When ordering the antenna, please state the centre frequency, e.g. ELF 1300/1296-TNC for centre frequency 1296 MHz.

## SPECIFICATIONS:

ELECTRICAL	
ANTENNA TYPE	Elevated feed 1/2 $\lambda$ skirt dipole antenna for portable equipment
FREQUENCY	1200–1300 MHz
IMPEDANCE	Nom. 50 $\Omega$
POLARISATION	Vertical
GAIN	5 dB (compared to a 1/4 $\lambda$ portable antenna)
BANDWIDTH	$\geq 70$ MHz at SWR $\leq 2.0$
SWR	$< 1.3$ at f. res.
MAX. POWER	25 watt
MECHANICAL	
MATERIALS	Thermoplastic rubber Brass
COLOUR	Black
TOTAL HEIGHT	Approx. 210 mm
WEIGHT	Approx. 40 g
CONNECTOR	TNC



PROCOM A/S reserve the right to amend specifications without prior notice.