

# ELF 2500/...-TNC

*"Elevated-Feed" 1/2 λ Dipole Antenna for Portable Equipment in the 2500 MHz Band*

PROCOM



## DESCRIPTION:

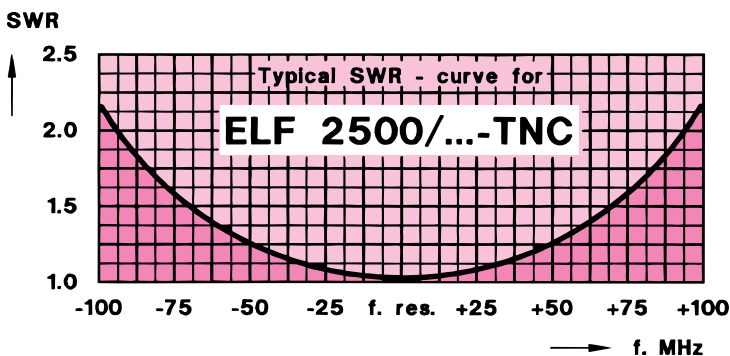
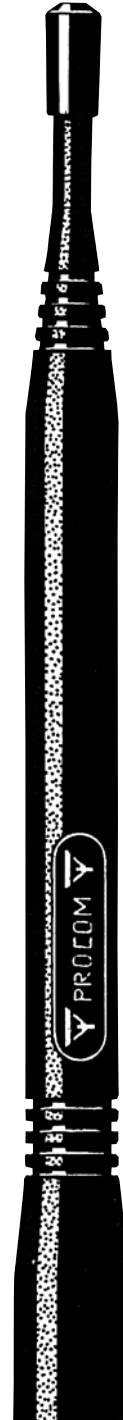
- ★ Flexible skirt dipole antenna element built into an elastic shroud of hard-wearing and environment-proof plastics.
- ★ "Elevated feed" 1/2 λ-dipole antenna element – groundplane independent.
- ★ High gain and efficient decoupling from the portable equipment due to half-wave design.
- ★ 5 dB gain (typ.) compared to a 1/4 λ 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 2500/2450-TNC for centre frequency 2450 MHz.

## SPECIFICATIONS:

ELECTRICAL	
ANTENNA TYPE	Elevated feed 1/2 λ skirt dipole antenna for portable equipment
FREQUENCY	2300–2500 MHz
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	5 dB (compared to a 1/4 λ portable antenna)
BANDWIDTH	≥ 160 MHz at SWR ≤ 2.0
SWR	< 1.3 at f. res.
MAX. POWER	25 watt
MECHANICAL	
MATERIALS	Thermoplastic rubber Brass
COLOUR	Black
TOTAL HEIGHT	Approx. 190 mm
WEIGHT	Approx. 30 g
CONNECTOR	TNC



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