

# ELF 1300/...-TNC

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

## 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.

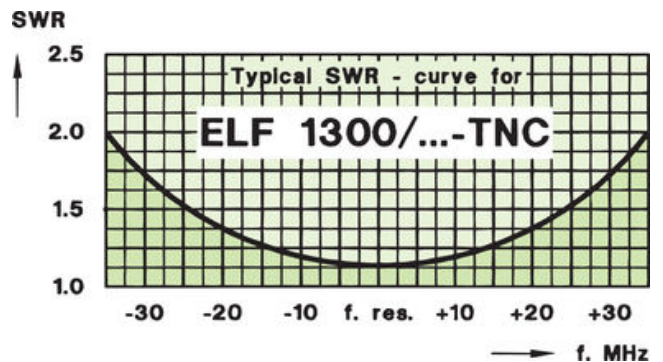


## ORDERING DESIGNATIONS

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

## SPECIFICATIONS

ELECTRICAL	
MODEL	ELF 1300/...-TNC
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 @ SWR $\leq 2.0$
SWR	$< 1.3$ @ f. res.
MAX. POWER	25 W
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.

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