

ELF 1800/...-TNC

"Elevated-Feed" 1/2 λ Dipole Antenna for Portable Equipment in the 1800 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 or cellular system.
- ★ Provided with TNC (male) connector.

ORDERING DESIGNATIONS:

When ordering the antenna, please state the centre frequency or the name of a cellular network.

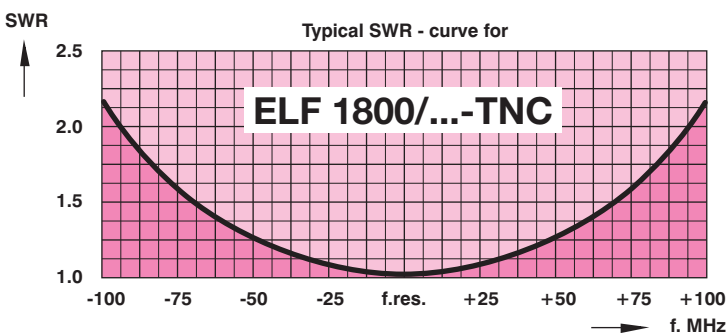
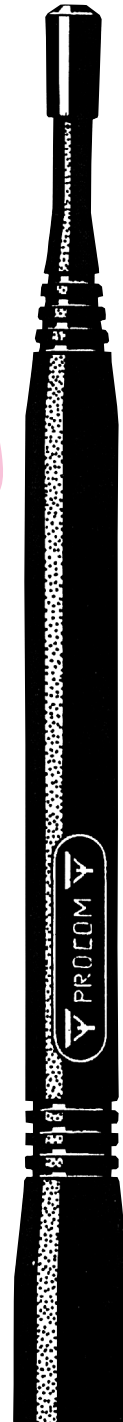
EXAMPLES OF ORDERING:

FREQUENCY/ CELLULAR NETWORK	TYPE
DCS-1800/PCN	ELF 1800/DCS-TNC
1920 MHz	ELF 1800/1920-TNC
DECT	ELF 1800/DECT-TNC

DCS 1800

SPECIFICATIONS:

ELECTRICAL	
MODEL	ELF 1800/...-TNC
ANTENNA TYPE	Elevated feed 1/2 λ skirt dipole antenna for portable equipment
FREQUENCY	1700–2000 MHz
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	5 dB (compared to a 1/4 λ portable antenna on the same equipment)
BANDWIDTH	≥ 160 MHz @ SWR ≤ 2.0
SWR	< 1.3 @ f. res.
MAX. POWER	25 watt
MECHANICAL	
MATERIALS	Thermoplastic rubber Brass
COLOUR	Black
TOTAL HEIGHT	Approx. 190 mm
WEIGHT	Approx. 30 g
CONNECTOR	TNC (male)



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