

# ELF 1800/...-TNC

"Elevated-Feed"  $\frac{1}{2} \lambda$  Dipole Antenna for Portable Equipment in the 1800 MHz Band

## DESCRIPTION

- Flexible skirt dipole antenna element built into an elastic shroud of hard-wearing and weather- and shockproof plastics.
- "Elevated feed"  $\frac{1}{2} \lambda$  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  $\frac{1}{4} \lambda$  antenna whip on the same equipment.
- Highest quality materials in a modern "High-Tech" design.
- Delivered factory tuned to customer's specified frequency or cellular system.
- Provided with TNC (male) connector.



## ORDERING DESIGNATIONS

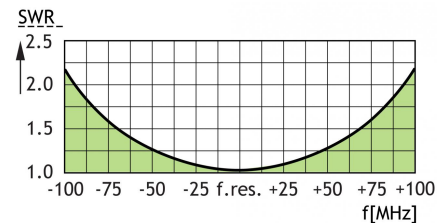
TYPE	PRODUCT NO.	FREQUENCY/CELLULAR NETWORK
ELF 1800/DCS-TNC	140000272	DCS-1800/PCN
ELF 1800/DECT-TNC	140000249	DECT

Special frequencies may be quoted on request.

## SPECIFICATIONS

ELECTRICAL	
MODEL	ELF 1800/...-TNC
ANTENNA TYPE	Elevated feed $\frac{1}{2} \lambda$ skirt dipole antenna for portable equipment
FREQUENCY	Center frequency to be stated within 1700 - 2000 MHz
IMPEDANCE	Nom. 50 $\Omega$
POLARIZATION	Vertical
GAIN	5 dB (compared to a $\frac{1}{4} \lambda$ portable antenna on the same equipment)
BANDWIDTH	$\geq 160$ MHz @ SWR $\leq 2.0$
SWR	$< 1.3$ @ f. res.
MAX. POWER	25 W
MECHANICAL	
MATERIALS	Thermoplastic rubber Brass
COLOUR	Black
TOTAL HEIGHT	Approx. 190 mm
WEIGHT	Approx. 30 g
CONNECTOR	TNC (male)

## TYPICAL SWR CURVE



PROCOM France S.A.R.L. se réserve le droit d'améliorer les spécifications sans préavis.

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