

### 3 dB Portable Dipole Antenna for the 200 MHz Band

#### DESCRIPTION

- End-fed half-wave dipole with a black-chromed, conical stainless steel whip.
- 3 dB gain (typ.) compared to a  $\frac{1}{4} \lambda$  portable antenna whip on the same equipment.
- Groundplane independent due to half-wave design.
- Delivered factory tuned to /l, /m or /h band. See ordering designations.
- Provided with TNC(m) connector.



## SPECIFICATIONS

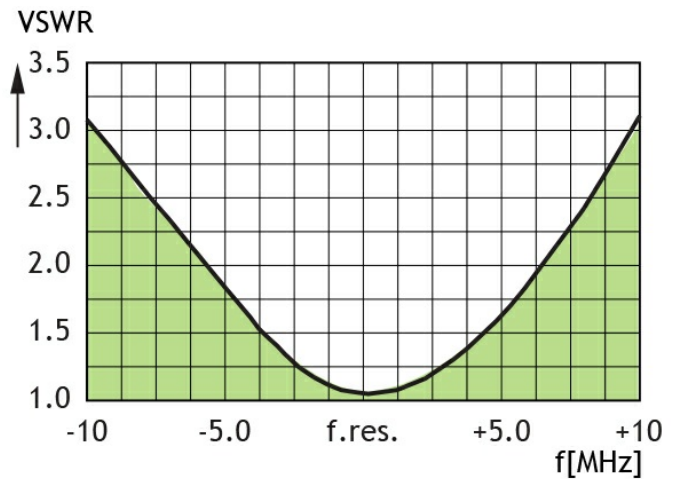
Electrical	
Model	EFD 200R/...-TNC
Frequency	2 m band covered by three models
Antenna Type	End-fed $\frac{1}{2}$ $\lambda$ Dipole antenna for portable equipment
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 $\Omega$
Gain	0 dBd / 2.15 dBi (3 dB compared to a $\frac{1}{4}$ $\lambda$ portable antenna)
VSWR	< 1.3:1 @ f. res.
Bandwidth	$\geq 15$ MHz @ VSWR $\leq 2.5$ $\geq 10$ MHz @ VSWR $\leq 2.0$

Mechanical	
Connection(s)	TNC(m)
Materials	Black-chromed, conical stainless steel Black-chromed brass
Colour	Black
Height	Approx. 750 mm / 29.53 in.
Weight	Approx. 0.07 kg / 0.15 lb.

## ORDERING

Model	Product No.	Frequency
EFD 200R/l-TNC(m)	140000096	185 - 200 MHz
EFD 200R/m-TNC(m)	140000097	200 - 215 MHz
EFD 200R/h-TNC(m)	140000092	215 - 230 MHz

## TYPICAL VSWR CURVE



## TYPICAL RADIATION PATTERN (E-PLANE)

