

5 dB Portable Antenna for the 160 MHz Band

DESCRIPTION

- > End-fed half-wave dipole with a black-chromed, conical stainless steel whip.
- > 5 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 (male) connector.

SPECIFICATIONS

Electrical	
Model	EFD 2R/...-TNC
Frequency	2 m band covered by three models
Antenna Type	End-fed $\frac{1}{2}\lambda$ dipole mobile antenna
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 Ω
Gain	5 dB (compared to a $\frac{1}{4} \lambda$ portable antenna)
VSWR	< 1.3:1 @ f. res.

Mechanical	
Connection(s)	TNC(m)
Materials	Black-chromed, conical stainless steel Black-chromed brass
Colour	Black
Height	960 mm / 37.80 in.
Weight	0.1 kg / 0.22 lb

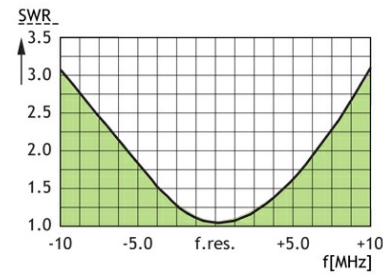
ORDERING

Type	Product No.	Frequency
EFD 2R/l-TNC	140000088	144 - 160 MHz
EFD 2R/m-TNC	140000089	155 - 170 MHz
EFD 2R/h-TNC	140000090	160 - 175 MHz



DIAGRAM

TYPICAL SWR CURVES



TYPICAL RADIATION PATTERN (E-PLANE)

