



EFD 2R/...-TNC

3 dB Portable Dipole Antenna for the 160 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.

SPECIFICATION

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ELECTRICAL

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

MECHANICAL

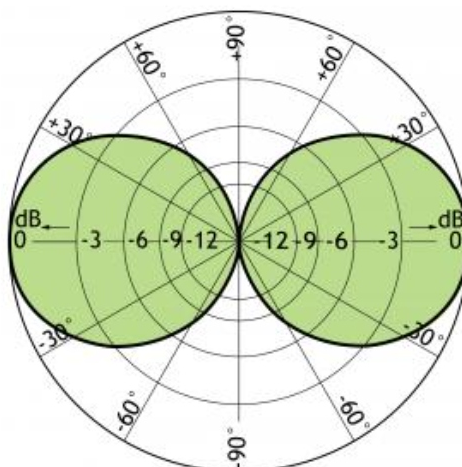
Connection(s)	TNC(m)
Materials	Black-chromed, conical stainless steel Black-chromed brass
Colour	Black
Historic Brand	Amphenol Procom
Height	Approx. 960 mm / 37.80 in.
Weight	Approx. 0.1 kg / 0.22 lb.

ORDERING CODES

MODEL	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

DIAGRAMS

TYPICAL RADIATION PATTERN (E-PLANE)



TYPICAL SWR CURVES

