

EFD 2R/...-TNC

5 dB Portable Antenna for the 160 MHz Band

DESCRIPTION

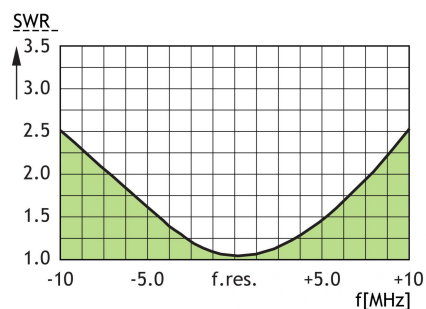
- End-fed half-wave dipole with a black-chromed, conical stainless steel whip.
- 5 dB gain (typ.) compared to a $\frac{1}{4} \lambda$ portable antenna whip on the same equipment.
- Groundplane independent due to half-wave design.
- Delivered factory tuned to /l, /m or /h band. See ordering designations.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



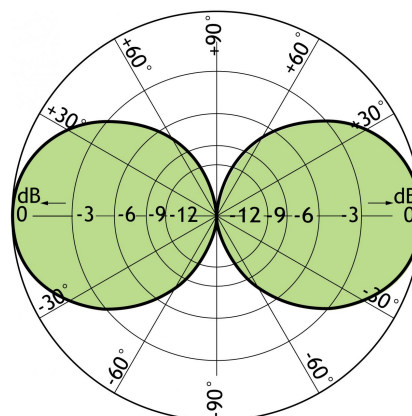
SPECIFICATIONS

| ELECTRICAL | |
|--------------|-----------------------------------------------------------------------------------|
| MODEL | EFD 2R/...-TNC |
| ANTENNA TYPE | End-fed $\frac{1}{2} \lambda$ dipole mobile antenna |
| FREQUENCY | 2 m band covered by three models |
| IMPEDANCE | Nom. 50 Ω |
| POLARIZATION | Vertical |
| GAIN | 5 dB (compared to a $\frac{1}{4} \lambda$ portable antenna on the same equipment) |
| BANDWIDTH | ≥ 15 MHz @ SWR ≤ 2.0 |
| SWR | < 1.3 @ f. res. |
| MAX. POWER | 25 W |
| MECHANICAL | |
| MATERIALS | Black-chromed, conical stainless steel Black-chromed brass |
| COLOUR | Black |
| HEIGHT | Approx. 960 mm |
| WEIGHT | Approx. 100 g |
| CONNECTOR | TNC (male) |

TYPICAL SWR CURVES



TYPICAL RADIATION PATTERN (E-PLANE)



ORDERING DESIGNATIONS

| 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 |



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