

Steel-Band Antenna for Portable Equipment in the 2 m Band

DESCRIPTION

- Rugged, flexible steel-band antenna whip.
- Curved sectional area to help keeping the antenna erect.
- Delivered factory tuned and tested to ensure minimum VSWR and optimum performance.
- Provided with N-male connector.
- Matching unit built-in.

SPECIFICATIONS

| Electrical       |                                                     |
|------------------|-----------------------------------------------------|
| Model            | SB 2-1/2/138-160 MHz-N                              |
| Frequency        | 138 - 160 MHz                                       |
| Antenna Type     | ½ λ antenna for portable equipment                  |
| Max. Input Power | 10 W                                                |
| Polarisation     | Vertical                                            |
| Impedance        | 50 Ω                                                |
| Gain             | 0 dB (compared to a ¼ λ portable antenna)           |
| VSWR             | < 2.0:1 when mounted directly on portable equipment |
| Bandwidth        | ≥ 20 MHz @ VSWR ≤ 1.5                               |

| Mechanical    |                                                                                                               |
|---------------|---------------------------------------------------------------------------------------------------------------|
| Connection(s) | N(m)                                                                                                          |
| Materials     | Whip : Weather- and shockproof plastics covered stainless steel band<br>N(m) connector : Cu-nite plated brass |
| Colour        | Black / Bright                                                                                                |
| Height        | Approx. 830 mm / 32.68 in.                                                                                    |
| Weight        | Approx. 0.145 kg / 0.32 lb.                                                                                   |

ORDERING

| Model                  | Product No. |
|------------------------|-------------|
| SB 2-1/2/138-160 MHz-N | 140000241   |

TYPICAL VSWR CURVE

