

Directional VHF / UHF Antenna WR2250B

The WR2250B is a wideband corner reflector antenna for mast mounting. Its lightweight mechanical design allows fast and easy deployment as well as space-saving storage. This highly efficient antenna is very well suited for use with modern SDRs, providing excellent performance for a range of voice and data communication systems.

- Excellent performance over the entire 225 – 512 MHz frequency range
- Easy and quick setup for mast mounting – no tools required
- The antenna is foldable for compact storage
- The antenna can be deployed for vertical or horizontal polarization



WR2250B-P1

WR2250B-P2

Product details*

| | |
|-----------------------------|---|
| Frequency range | 225 – 512 MHz |
| Polarization | Can be deployed for vertical or horizontal polarization |
| Antenna type | Corner reflector |
| Radiation pattern | Directional (see elevation patterns on Page 2) |
| Gain | 10 dBi (Measured patterns on request) |
| E-plane 3 dB beamwidth | 30° to 70° (E- and H-plane) |
| VSWR | < 2.5 |
| Nominal Impedance | 50 Ω |
| Power rating | 100 W (RMS) |
| Standard color | Black |
| Dimensions (incl. mounting) | H: 1180 mm W: 810 mm L: 690 mm |
| Packed dimensions (-P1) | H: 160 mm W: 810 mm L: 930 mm |
| Packed dimensions (-P2) | H: 190 mm W: 890 mm L: 970 mm |
| Weight | 6.0 kg (Packed weight (-P2): 23 kg) |

Installation*

| | |
|---------------|---|
| RF connection | Female N-type |
| Mounting | Mast mount adapter for ø 50-60 mm masts** |

*Specific adjustments on request

**No mast included. Refer to Page 3 for information about optionally available masts

| Order number | Product |
|--------------|---|
| WR2250B | Antenna as described above |
| WR2250B-P1 | Black fabric carry-on bag for WR2250B |
| WR2250B-P2 | MIL green plywood storage box for WR2250B |