

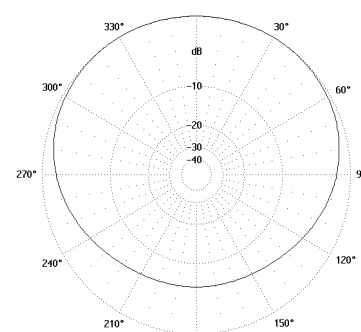
BASE OMNIDIRECTIONAL ANTENNA WITH THE ADVANTAGED DIRECTION OF RADIATION

BO 140



TECHNICAL SPECIFICATION

| Type | BO 140 | |
|------------------------------|---|--|
| Frequency range | MHz | 135 ÷ 149 |
| Gain | dBi | 4.5 |
| Radiation pattern | offset (omnidirectional with shift axis) | |
| Polarization | vertical | |
| Impedance | Ω | 50 |
| VSWR | < 1.6 | |
| Max. input power | W | 150 |
| Grounding | all metal parts of antenna including the mounting kit are DC grounded | |
| Material of antenna | lacquered aluminium alloy, plastic, stainless steel | |
| Antenna holder | mm | RCAK 400 52 – \varnothing 35 ÷ 76 (standard) |
| | | RCAK 400 44 – \varnothing 60 ÷ 90 |
| | | RCK 100 001 – \varnothing 90 ÷ 120 |
| Material of holder | aluminium alloy, hot dip zinc steel, all screws and nuts: stainless steel | |
| Weight of antenna / holder | kg | 0.65 / 0.5 |
| Max. wind velocity | km / hour | 160 |
| Wind load (at 160 km / hour) | N | 57 |
| Dimensions of antenna l x h | mm | 505 x 926 |
| Connector | type „N“ - female | |



Radiation pattern – H plane