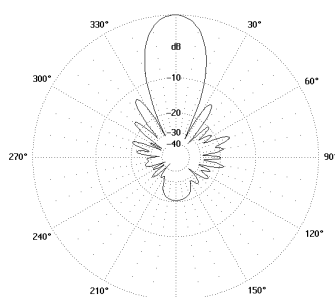
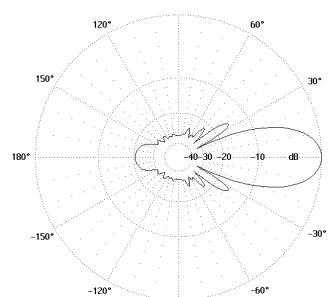


## Description

BD 2G4 directional antenna is designed for mobile and data radio networks.



Radiation pattern – H plane



Radiation pattern – E plane

## Technical Specifications

| Type                       | BD 2G4 |                                                                           |
|----------------------------|--------|---------------------------------------------------------------------------|
| Frequency range            | MHz    | 2400 ÷ 2500                                                               |
| Type of antenna            |        | YAGI                                                                      |
| Gain                       | dBi    | 16 ÷ 17                                                                   |
| Radiation pattern          |        | directional                                                               |
| Beamwidth – H plane        | °      | 27 ÷ 29                                                                   |
| Beamwidth – E plane        | °      | 25 ÷ 27                                                                   |
| Front-to-back ratio        | dB     | > 20                                                                      |
| Polarization               |        | vertical                                                                  |
| Impedance                  | Ω      | 50                                                                        |
| VSWR                       |        | < 1.5                                                                     |
| Maximum input power        | W      | 15                                                                        |
| Grounding                  |        | all metal parts of antenna including mounting kit are DC grounded         |
| Material of antenna        |        | aluminium alloy, plastic, stainless steel                                 |
| Antenna holder             | mm     | RCK 100 006 – Ø 30 ÷ 50 (standard)                                        |
| Material of holder         |        | aluminium alloy, hot-dip zinc steel; all screws and nuts: stainless steel |
| Weight of antenna / holder | kg     | 0.5 / 0.1                                                                 |
| Dimensions l × h           | mm     | 900 × 62                                                                  |
| Connector type             |        | N, SMA, ... – female                                                      |