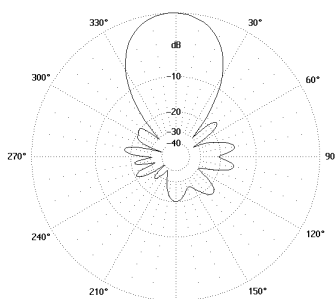
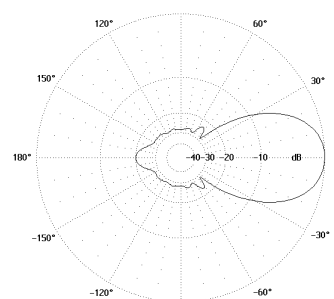


## Description

BD 2G4S directional antenna is designed for mobile and data radio networks.



Radiation pattern – H plane



Radiation pattern – E plane

## Technical Specifications

| Type                       | BD 2G4S   |                                    |
|----------------------------|---|------------------------------------|
| Frequency range            | MHz   | 2400 ÷ 2500                        |
| Type of antenna            | YAGI  |                                    |
| Gain                       | dBi   | 12,5 ÷ 13,5                        |
| Radiation pattern          | directional   |                                    |
| Beamwidth – H plane        | °   | 42 ÷ 45                            |
| Beamwidth – E plane        | °   | 37 ÷ 42                            |
| Front-to-back ratio        | dB  | 16 ÷ 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  | 0.3 / 0.1                          |
| Dimensions l × h           | mm  | 471 × 62                           |
| Connector type             | N, SMA, ... – female  |                                    |