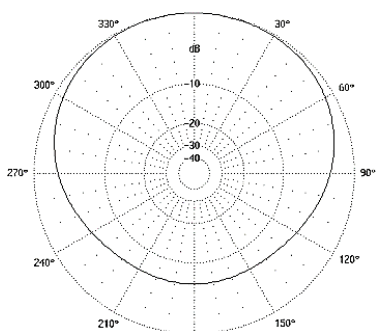
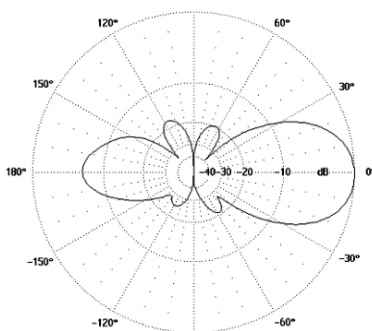


## Description

BG 402 omnidirectional gain antenna is designed for mobile and data radio networks.



Radiation pattern – H plane



Radiation pattern – E plane



## Technical Specifications

Type	<b>BG 402</b>	
Frequency range	MHz	400 ÷ 470
Gain in front direction	dBi	8
Radiation pattern – H plane	offset (omnidirectional with shift axis)	
Beamwidth – E plane	°	30 ÷ 40
Polarization	vertical	
Impedance	Ω	50
VSWR	< 1.5	
Maximum input power	W	150
Grounding	all metal parts of antenna including mounting kit are DC grounded	
Material of antenna	lacquered aluminium alloy, plastic, stainless steel	
Antenna holder (2 pcs)	mm	RCK 100 068 – Ø 35 ÷ 76 (standard)
		RCK 100 075 – Ø 76 ÷ 120
		RCK 100 076 – Ø 120 ÷ 180
Material of holder	aluminium alloy, hot-dip zinc steel; all screws and nuts: stainless steel	
Weight of antenna / holders	kg	2.7 / 0.6 + 0.6
Maximum wind velocity	km/h	160
Wind load (at 160 km/h)	N	120
Dimensions l × h	mm	220 × 1600
Connector type	N female	
Radiation patterns code	H-plane 050KA00 / E-plane 020DE20	