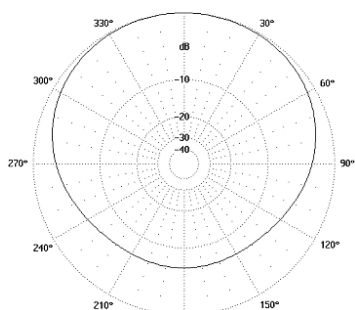


**BASE STATION ANTENNA  
TWO-STACKED CENTRE-FED DIPOLE  
OFFSET PATTERN 8 dBi**

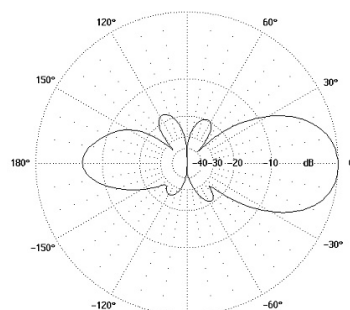
**BG 402**

**TECHNICAL SPECIFICATION**

Type	<b>BG 402</b>	
Frequency range	MHz	400 ÷ 470
Gain (max.)	(dBi)	8
Radiation pattern	offset (omnidirectional with shift axis)	
Beamwidth E plane	°	30 ÷ 40
Polarization	vertical	
Nominal impedance	Ω	50
VSWR	< 1.5	
Max. input power	W	150
Grounding	All metal parts of antenna including the mounting kit are DC grounded	
Material:	antenna	lacquered aluminium alloy
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	kg	2.7 / 0.6 + 0.6
Wind load	km / hod	160
Max. wind load (at 160 km / hour)	N	120
Dimensions of antenna l x h	mm	220 x 1600
Connector	type "N" – female	



Radiation pattern – H plane



Radiation pattern – E plane