

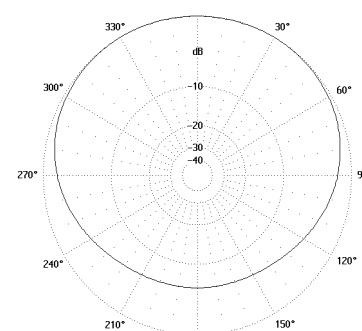
BASE OMNIDIRECTIONAL ANTENNA WITH THE ADVANTAGED DIRECTION OF RADIATION

BO 160



TECHNICAL SPECIFICATION

Type	BO 160	
Frequency range	MHz	148 ÷ 174
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	610 x 848
Connector	type „N“ - female	



Radiation pattern – H plane