



Radiation pattern – H plane

Description

BO 160 omnidirectional base antenna is designed for mobile and data radio networks.

Technical Specifications

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	
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	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
Maximum wind velocity	km/h	160
Wind load (at 160 km/h)	N	57
Dimensions l × h	mm	610 × 848
Connector type	N female	
Radiation patterns code	H-plane 060KA00 / E-plane 060DE00	