



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	$\Omega$	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