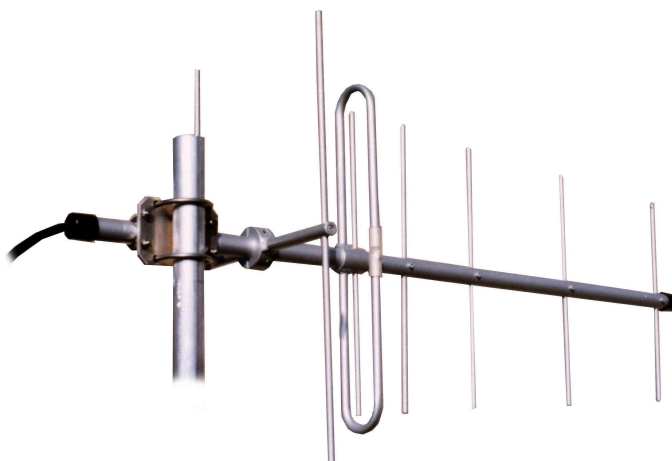


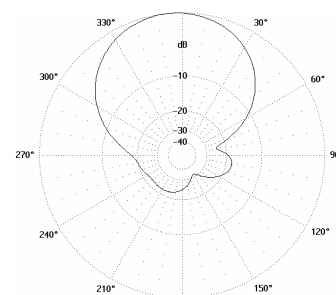
BASE DIRECTIONAL ANTENNA

BD 400 BD 400A

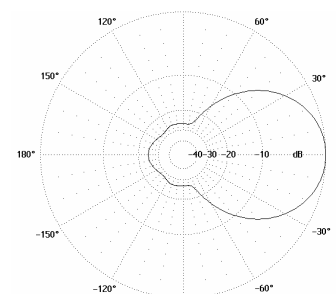


TECHNICAL SPECIFICATION

Type		BD 400	BD 400A
Frequency range	MHz	440 ÷ 470	410 ÷ 430
Technical solution		YAGI	
Gain	dBi	9.5 ÷ 10.2	
Radiation pattern		directional	
Beamwidth H plane	°	71 ÷ 80	74 ÷ 80
Beamwidth E plane	°	53 ÷ 58	53 ÷ 56
Front-to-back-ratio	dB	> 20	18 ÷ 20
Polarization		vertical	
Impedance	Ω	50	
VSWR		< 1.5	
Max. input power	W	200	
Grounding		All metal parts of antenna including the mounting kit are DC grounded	
Material antenna		lacquered aluminium alloy, plastic, stainless steel	
Antenna holder	mm	RCAK 400 43 - Ø 35 ÷ 76 (standard)	
		RCAK 400 53 - Ø 60 ÷ 90	
		RCK 100 000 - Ø 90 ÷ 120	
Material holder		aluminium alloy, hot dip zinc steel, all screws and nuts: stainless steel	
Weight antenna / holder	kg	1.2 / 0.5	
Max. wind velocity	km / hour	160	
Max. wind load (at 160 km / hour)	N	54	59
Dimensions of antenna l x h	mm	861 x 302	904 x 332
Connector		type „N“ - female	



Radiation pattern – H plane



Radiation pattern – E plane