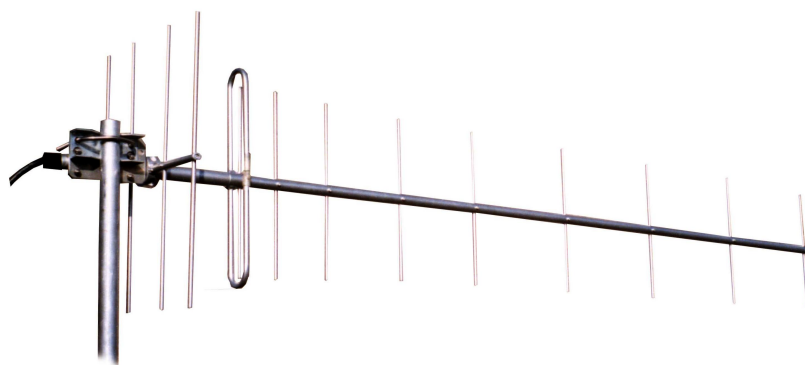
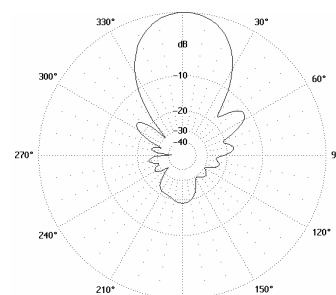


BD 301

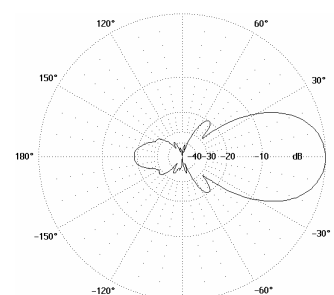


TECHNICAL SPECIFICATION

Type	BD 301	
Frequency range	MHz	300 ÷ 344
Technical solution	YAGI	
Gain	dBi	10.5 ÷ 14.0
Radiation pattern	directional	
Beamwidth H plane	°	42 ÷ 52
Beamwidth E plane	°	39 ÷ 51
Front-to-back ratio	dB	18 ÷ 26
Polarization	vertical	
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, plastic, stainless steel	
Antenna holder	mm	RCAK 400 52 - Ø 35 ÷ 76 (standard)
		RCAK 400 44 - Ø 60 ÷ 90
		RCK 100 001 - Ø 90 ÷ 120
Material holder	aluminium alloy, hot dip zinc steel, all screws and nuts: stainless steel	
Weight antenna / holder	kg	2.4 / 0.5
Max. wind velocity	km / hour	160
Wind load (at 160 km / hour)	N	135
Dimensions of antenna l x h	mm	2371 x 520
Connector	type „N“ - female	



Radiation pattern – H plane



Radiation pattern – E plane