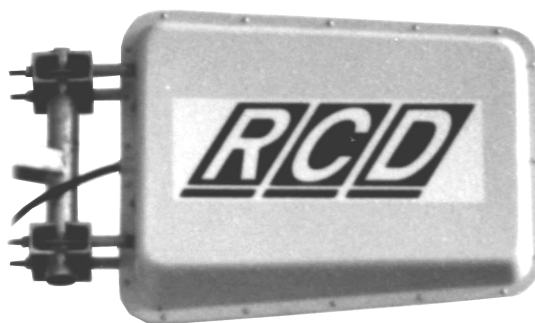


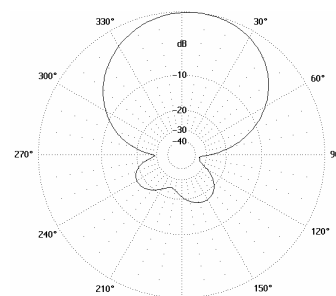
BASE DIRECTIONAL ANTENNA IN LAMINATE RADOM

BD 410 BD 410A

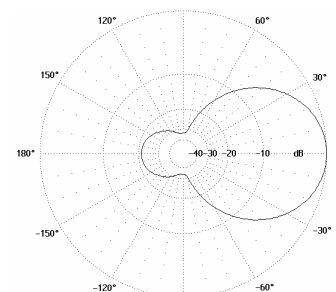


TECHNICAL SPECIFICATION

Type		BD 410	BD 410A
Frequency range	MHz	440 ÷ 470	410 ÷ 430
Technical solution		YAGI	
Gain	dBi	9.5	
Radiation pattern		directional	
Beamwidth H plane	°	75 ÷ 90	
Beamwidth E plane	°	60	
Front-to-back ratio	dB	18 ÷ 27	
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		aluminium alloy, hot dip zinc steel, fiberglass	
Antenna holder (two pieces)	mm	RCAF 300 126 – Ø 44 ÷ 60 (standard)	
Material holder		aluminium alloy, hot dip zinc steel, all screws and nuts: stainless steel	
Weight antenna / holder	kg	4.5 / 1.6 + 1.6	
Max. wind velocity	km / hour	160	
Max. wind load (at 160 km / hour)	N	360	
Dimensions w x h	mm	610 x 500	
Connector		type „N“ or „7 / 16“ - female	



Radiation pattern – H plane



Radiation pattern – E plane