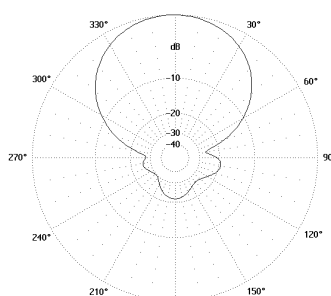
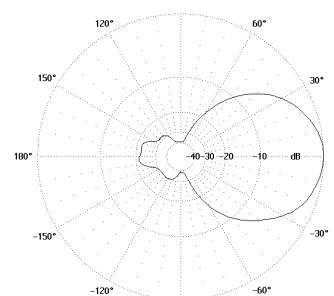


Description

BD 404 and BD 404A directional antennas are designed for mobile and data radio networks.



Radiation pattern – H plane



Radiation pattern – E plane

Technical Specifications

Type		BD 404	BD 404A
Frequency range	MHz	440 ÷ 470	400 ÷ 430
Type of antenna		YAGI	
Gain	dBi	10	
Radiation pattern		directional	
Beamwidth – H plane	°	70 ÷ 78	
Beamwidth – E plane	°	54 ÷ 56	
Front-to-back ratio	dB	18 ÷ 20	
Polarization		vertical	
Impedance	Ω	50	
VSWR		< 1.6	
Maximum input power	W	40	
Grounding		all metal parts of antenna including mounting kit are DC grounded	
Material of antenna		aluminium alloy, plastic, stainless steel	
Antenna holder	mm	RCK 100 006 – Ø 30 ÷ 50 (standard)	
Material of holder		aluminium alloy, hot-dip zinc steel; all screws and nuts: stainless steel	
Weight of antenna / holder	kg	0.5 / 0.1	
Dimensions l × h	mm	780 × 326	823 × 359
Connector type		N female	
Radiation patterns code		H-plane 040KA00 / E-plane 008DE11	

Note:

Antennas for mounting on poles with diameter 35 ÷ 76 mm must be ordered with designation **BD 404 /76** or **BD 404A /76**.