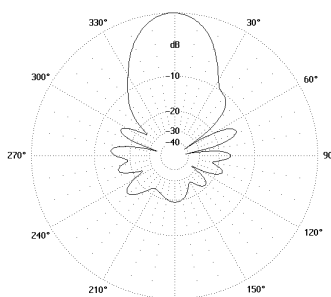


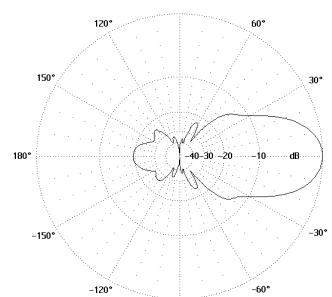


Description

BD 911P and BD 911AP directional antennas are designed for mobile and data radio networks.



Radiation pattern – H plane



Radiation pattern – E plane

Technical Specifications

Type		BD 911P	BD 911AP
Frequency range	MHz	870 ÷ 960 (GSM 900)	845 ÷ 894
Type of antenna		YAGI	
Gain	dBi	14	
Radiation pattern		directional	
Beamwidth – H plane	°	38 ÷ 43	
Beamwidth – E plane	°	34 ÷ 39	
Front-to-back ratio	dB	> 20	
Polarization		vertical	
Impedance	Ω	50	
VSWR		< 1.8	
Maximum input power	W	40	
Grounding		all metal parts of antenna including mounting kit are DC grounded	
Material of antenna		aluminium alloy, fiberglass, plastic, stainless steel	
Antenna holder	mm	RCK 100 014 – Ø 35 ÷ 76 (standard) RCK 100 015 – Ø 90 ÷ 90	
Material of holder		aluminium alloy, hot-dip zinc steel; all screws and nuts: stainless steel	
Weight of antenna / holders	kg	4.85 / 0.15 + 0.15	
Maximum wind velocity	km/h	160	
Dimensions l × h	mm	1048 × 300	
Connector type		N, FME – female	