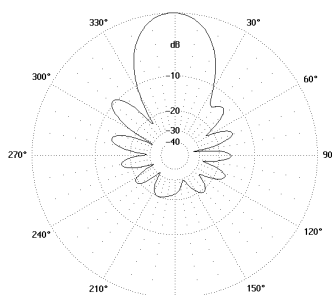
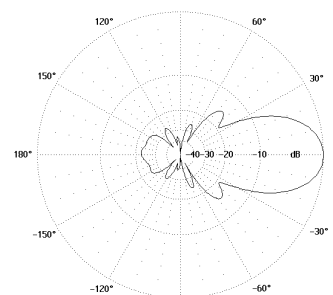


## Description

BD 1G2 and BD 1G2A directional antennas are designed for mobile and data radio networks.



Radiation pattern – H plane



Radiation pattern – E plane

## Technical Specifications

Type		BD 1G2	BD 1G2A
Frequency range	MHz	1210 ÷ 1370	1050 ÷ 1250
Type of antenna		YAGI	
Gain	dBi	14	
Radiation pattern		directional	
Beamwidth – H plane	°	37 ÷ 43	
Beamwidth – E plane	°	32 ÷ 38	
Front-to-back ratio	dB	17 ÷ 22	
Polarization		vertical	
Impedance	Ω	50	
VSWR		< 1.5	
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	0.4 / 0.1	
Dimensions l × h	mm	760 × 124	830 × 140
Connector type		N, FME, ... – female	