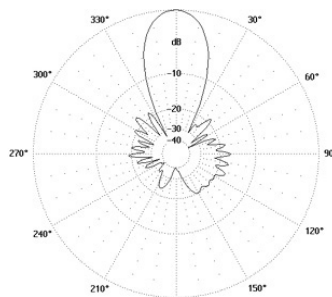
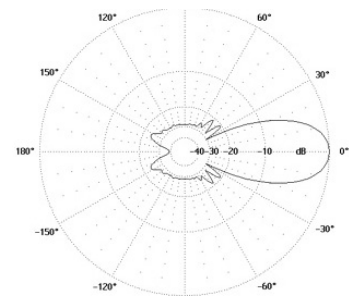


Description

BD 1G7 directional antenna is designed for mobile and data radio networks.



Radiation pattern – H plane



Radiation pattern – E plane

Technical Specifications

Type	BD 1G7	
Frequency range	MHz	1535 ÷ 1735
Type of antenna		YAGI
Gain	dBi	13 ÷ 16
Radiation pattern		directional
Beamwidth – H plane	°	32 ÷ 40
Beamwidth – E plane	°	30 ÷ 38
Front-to-back ratio	dB	> 20
Polarization		vertical
Impedance	Ω	50
VSWR		< 1.7
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	1150 × 106
Connector type		N female