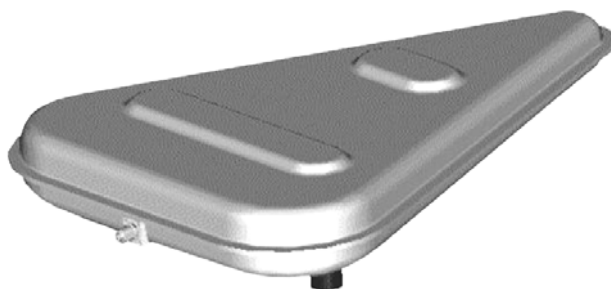


BD 500P

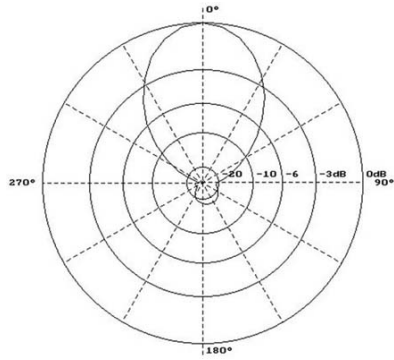


DESCRIPTION

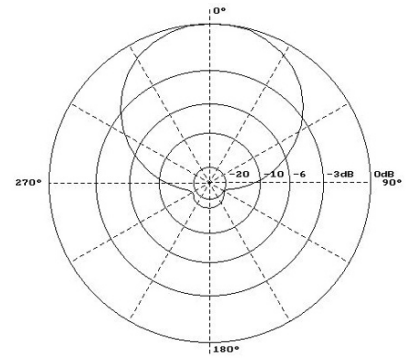
Well designed logarithmic-periodical dipole antenna (LPDA) offers good forward gain and front-to-back ratio all over the band and can be mounted for either vertical or horizontal polarization. This test antenna is not determined for stationary installation.

TECHNICAL SPECIFICATION

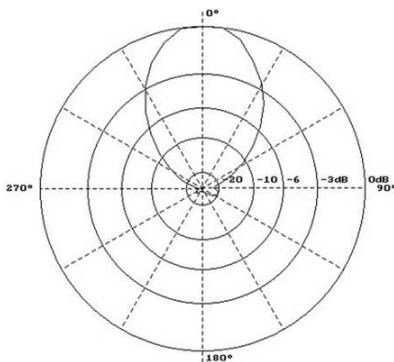
Type	BD 500P	
Frequency range	MHz	400 ÷ 3000
Technical solution		logarithmic-periodical
Gain	dBi	7 ÷ 9 (typ. 8)
Radiation pattern		directional
Front-to-back ratio (up to 450 MHz)	dB	> 10
Front-to-back ratio (over 450 MHz)	dB	> 15
Polarization		vertical or horizontal
Impedance	Ω	50
VSWR		< 1.5 typ. 1.3
Max. input power	W	50
Material of antenna		aluminium alloy, hot dip zinc steel, fiberglass
Antenna holder	mm	RCA 400 000 – \varnothing 40 (standard)
Material of holder		plastic, all screws and nuts: stainless steel
Weight of antenna	kg	3.2
Dimensions of antenna w x h	mm	705 x 530
Accessory		transport bag
Connector		panel type „N“ - female



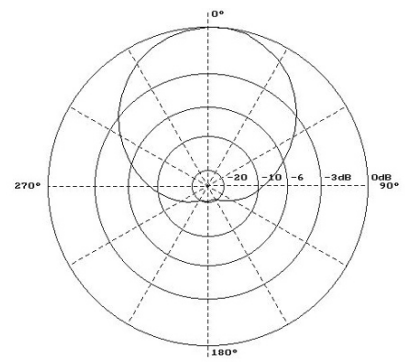
Radiation pattern - E plane
400MHz



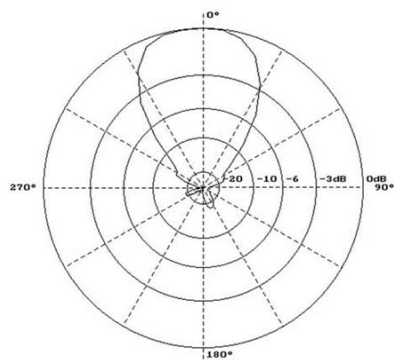
Radiation pattern - H plane
400MHz



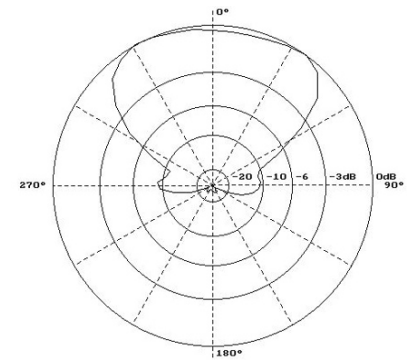
Radiation pattern - E plane
500MHz



Radiation pattern - H plane
500MHz



Radiation pattern - E plane
1000MHz



Radiation pattern - H plane
1000MHz