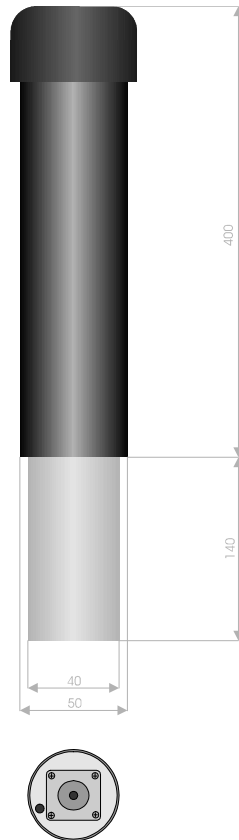


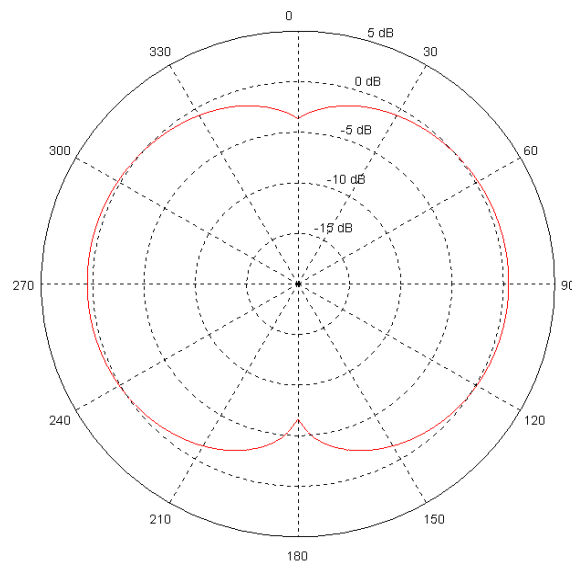
WIDEBAND BASE STATION ANTENNA

BSO-UHF 380-490 MHz



The wideband omnidirectional antenna with no tuning required. The antenna covers whole band of terrestrial mobile radiocommunication. The antenna is designed for vertical polarization, resistant to effect of walls and metal parts of mounting construction, DC-grounded. In lower locations the antenna doesn't require additional lightning protection.

ELECTRICAL	
Frequency range	380÷490 MHz
Gain (ref. to $\lambda/2$ dipole)	0 dBd (2,15 dBi)
Horizontal radiation pattern	Omnidirectional
Impedance	50 Ω
Antenna type	$\lambda/2$ dipole
VSWR	$\leq 1,6$
Maximum power	100 W
Bandwidth	averagely 60 MHz
Horizontal radiation pattern code (H-plane)	000ND00 (CEPT Recommendation T/R 25-08)
Vertical radiation pattern code (E-plane)	045DE00 (CEPT Recommendation T/R 25-08)
MECHANICAL	
Connector	N, UC1
Material	Aluminium, PCV
Polarization	vertical



Vertical radiation pattern



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