

Description

BO 491 antenna consist of antenna base, whip and antenna counterpoise. Coaxial cable is brought out from antenna body, terminated by connector (N, BNC, FME, ...). The whip is fixed to antenna base.

Antenna is usually located on side walls of objects.

Antenna is designed for radios in radio network of TETRAPOL system in frequency band from 380 to 395 MHz.



Antenna can be installed upside-down.



Technical Specifications

Type	BO 491	
Frequency band	MHz	380 ÷ 395
Gain	dBi	2
Radiation pattern		omnidirectional
Length of antenna radiator		$\lambda / 4$
Polarization		vertical
VSWR		< 1.5
Impedance	Ω	50
Maximum input power	W	50
Material		brass, stainless steel, plastic, Al
Length of whip	mm	~ 200
Weight with 2 m cable	kg	0.4
Mounting hole	mm	$\varnothing 18$
Connector type		N, BNC, TNC, FME – male