AD-23/2-2

The antenna AD-23/2-2 is a collinear dipole for use on VHF frequency range from 135 to 175 MHz in separate frequency bands. The antenna is electrically designed as collinear dipole, composed of two elements half wave length each. The phasing coil between the elements is used for proper current phase shift on the radiating elements. At the antenna base a matching circuit is built-in by which all radiating elements are also DC grounded. All elements are enclosed in a tube made of composite material enabling excellent mechanical and atmospheric resistance. The antenna could be attached directly to the masts with diameters from 24 to 62 mm. For different mounting options our standard family of mounting consoles type ADK could be used.

VERSIONS:

AD-23/2-2 (135-145 MHz)
AD-23/2-2 (145-155 MHz)
AD-23/2-2 (155-165 MHz)
AD-23/2-2 (165-175 MHz)

Frequency range	135 - 175 MHz
Impedance	50 ohm
VSWR	< 1,8 (fo +/- 4%fo)
Gain	3 dBd / 5.15 dBi
Polarization	VER.
Maximum power	200 W CW
Height	max. 3.2 m
Mass	2,3 kg
Connector	N female
Wind velocity	160 km/h

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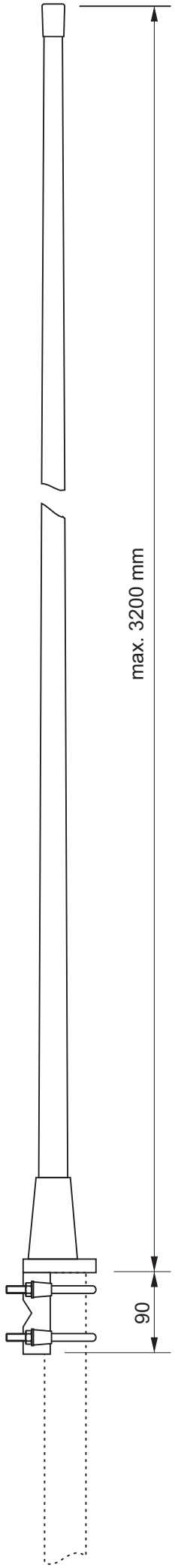
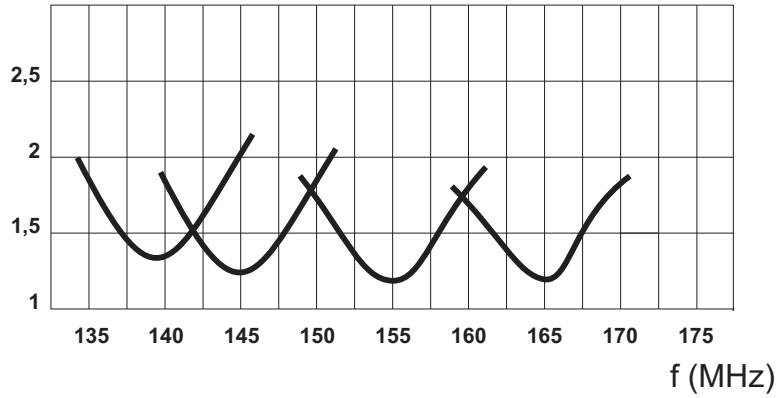
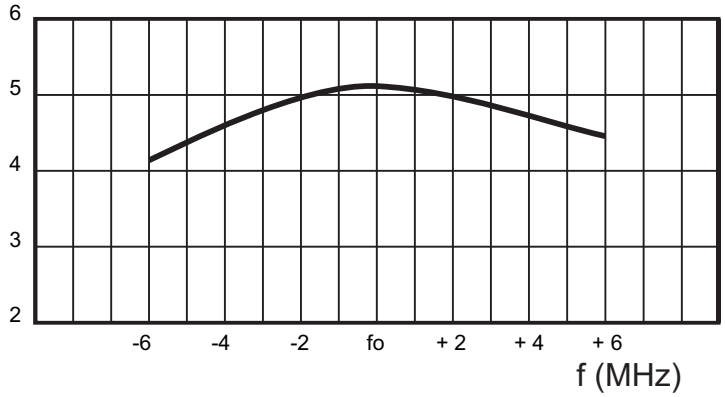
email: info@trivalantene.si; www.trival-antennas-mast.com



VSWR



GAIN (dBi)



TYPICAL RADIATION PATTERN
(Vertical - E plane)