

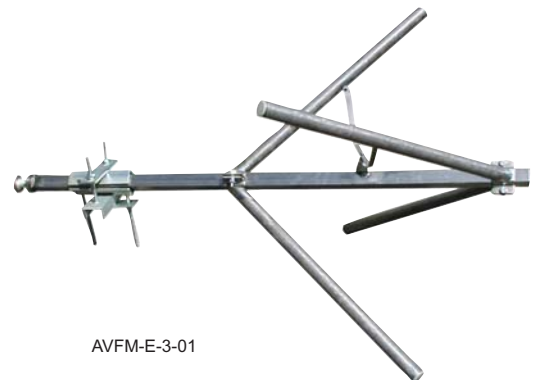
# Broadband FM transmitting antennas, vertical and circular polarization

Transmitting antennas AVFM-V-3-01 and AVFM-E-3-01 are designed to radiate signals of FM transmitters (87,5108 MHz) with vertical and elliptical polarization correspondingly. It is possible to create 2-12 bay antenna systems on the basis of these antennas. Since the antennas are wideband they (or systems on their basis) can be used to work jointly with several transmitters. The antennas are made of stainless steel which provides for long life. The antennas are supplied with a clamp for fastening to vertical parts of antenna towers (diameter from 60 to 110 mm).

Use of elliptical polarization antennas is especially advantageous in cities since orientation of receiving antenna is not important.



AVFM-V-3-01



AVFM-E-3-01

Technical specifications	AVFM-V-3-01	AVFM-E-3-01
Frequency range, MHz	87,5–108	87,5–104, 92-108
Impedance, Ohm	50	50
Maximum power, kW	2,5	2,5
VSWR	$\leq 1,3$	$\leq 1,3$
Connector	7/8" EIA	7/8" EIA
Polarization	vertical	elliptical
Gain (relative to isotropic radiator), dB	3,7	0,7
Dimensions, mm	1340x880x110	1600x840x840
Weight, kg	10	12
Material	stainless steel	stainless steel