

AVU-V-1-21/28, AVU-V-1-29/37, AVU-V-1-38/47, AVU-V-1-48/60 and AVU-V-1-56/69 TV transmitting antennas

Antennas are designed to radiate TV signals with vertical polarization in UHF band:

470 – 534MHz (Channels 21 – 28) – AVU-V-1-21/28

534 – 606 MHz (Channels 29 – 37) – AVU-V-1-29/37

606 – 686 MHz (Channels 38 – 47) – AVU-V-1-38/47

686 – 790 MHz (Channels 48 – 60) – AVU-V-1-48/60

750 – 862 MHz (Channels 56 – 69) – AVU-V-1-56/69

Technical specifications

VSWR in operating band	$\leq 1,25$
Irregularity of azimuth radiation pattern	$\leq 1\text{dB}$
Maximum input power, rms	$\leq 1\text{kW}$
Polarization	vertical
Gain (relative to isotropic radiator)	8dBi
Input impedance	50 Ohm
Input connector	7/16 (f) DIN
Dimensions, (H×L×W)	2690×140×90 mm
Mass	$\leq 14\text{ kg}$

