

TV transmitting antennas

ATU-H-3-21/44, ATU-H-3-30/60, ATU-H-3-35/69

Antennas are designed to radiate TV signals with horizontal polarization, UHF band:

470–662 MHz, 21–44 TV channels (ATU-H-3-21/44);

542–790 MHz, 30–60 TV channels (ATU-H-3-30/60);

582–862 MHz, 35–69 TV channels (ATU-H-3-35/69).

Technical specifications

VSWR (typical) - on operating channels	$\leq 1,2$ (1,15) $\leq 1,11$
Irregularity of azimuth radiation pattern, dB	$\leq \pm 2$
Maximum input power, kW	3
Polarization	horizontal
Gain (relative to isotropic radiator), dB	9
Input impedance, Ohm	50
Input connector	7/8 EIA
Dimensions, mm	2784x300x300
Wind load (at wind speed 160 km/h), kN	0,56
Weight, kg	≤ 48

