

ESA-338

RF signal eliminator – triple trap filter



RoHS



The **ESA-338** eliminator has been designed for use in individual or collective antenna systems which feature significant differences of received signal levels. The device attenuates excessively strong TV signals in order to reduce them to the level of weaker signals received from the same antenna. Using the ESA eliminator prevents the amplifier or TV receiver overload which cause interference in the TV signal reception. The eliminator can adjust the levels of 3 signals from the UHF band (ch.21- ch.69). The device can transfer the DC voltage from one output to the other, as a result of which it can operate both with passive antennas (only built-in symmetrizer) and active antennas equipped with preamplifiers.

The eliminator is intended for indoor installation. If case of mounting on the antenna mast, the ESA-338 must be placed in a MSA plastic casing which protects it from the water splashes.

- Frequency range: 470...862MHz
- 3 tunable traps in the UHF band
- Trap attenuation adjustment: 0...15dB
- Transmission of direct component (max. 500mA)
- Outdoor installation possible – splash-proof housing

Technical parameters may change without a previous notice.

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TECHNICAL SPECIFICATION

TYPE		ESA-338
Input frequency range	MHz	88-860
No. of UHF traps	/	3
Trap tuning range	MHz	470-862 (ch.21-ch.69)
Trap attenuation in the stop-band	dB	tunable: 3...15 \pm 2
Attenuation in the pass-band	dB	9 \pm 2 / VHF (ch.06-ch.12)
	dB	2,5 \pm 1,5 / UHF (ch.21-ch.69)
DC transmission	mA	max. 500
Input/output impedance	Ohm	75
Type of input/ output connectors	/	socket "F" / socket "F"

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