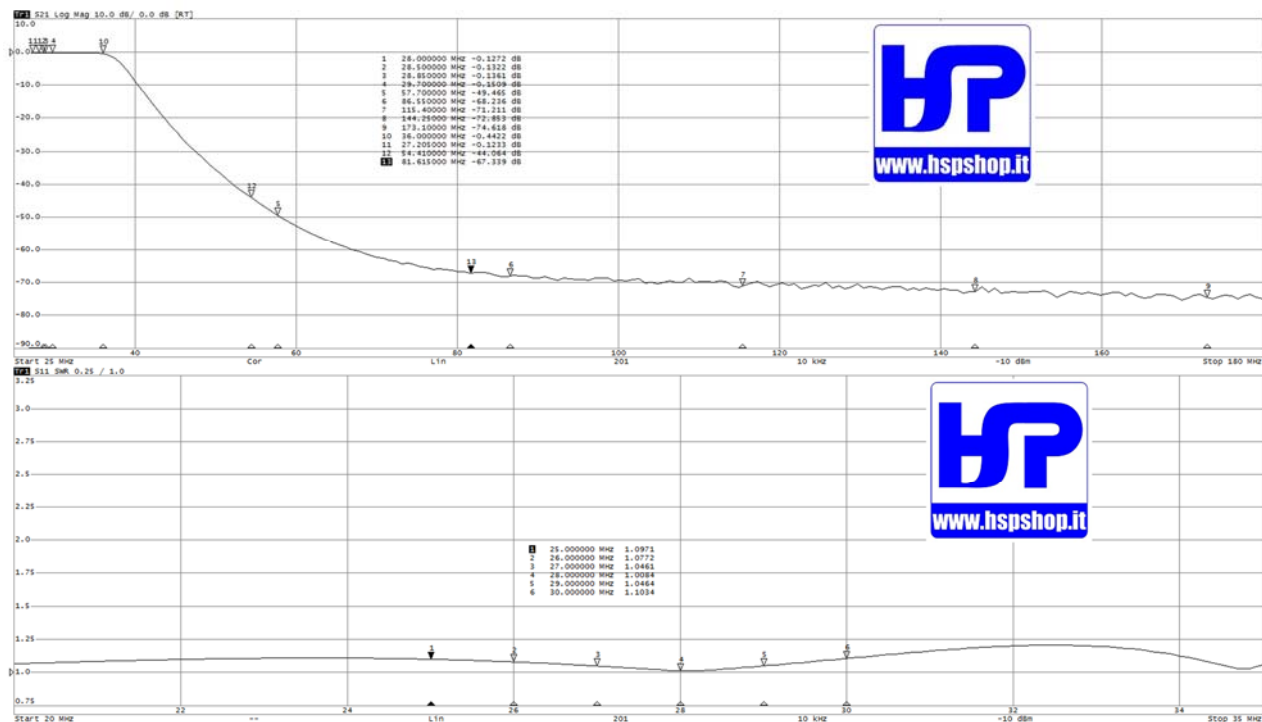




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35/600

9 Pole Chebyshev Low Pass Filter



ENGLISH

HSP - 35/600 - ANTI-TVI LOW PASS FILTER - 600W CONTINUOUS / 1200W SSB/CW - 0-30 MHz - ATTENUATION: > 50 dB @ 60 MHz; > 70 dB @ 100 MHz

- NEW MODEL -

The HSP 35/600 is 9 pole Chebyshev Low Pass Filter that is designed to be used for effective harmonic attenuation especially when transmitting within the 24 MHz to 30 MHz bands, including HAM and CB bands.

It features low insertion loss of less than 0.15dB and a stopband attenuation of greater than 50dB at 50MHz.

Installation is very simple, the filter should be inserted directly at the output of the radio / amplifier and its output connected to the antenna.

In the case that an antenna matching network is required the AMU should be connected on the output side of the filter.

The Filter is labelled RTX for the Input and ANT for the Output, however it is actually a bidirectional network so it can be used also in the opposite orientation without a problem.

Specifications:

- Typology: 9 Pole Chebyshev Low Pass
- I/O Impedance: 50 Ohms
- Cut Off Frequency: 35 MHz
- Insertion Loss: <0.15 dB 20-30 MHz
- VSWR <1.15:1 20-30 MHz
- Stopband Attenuation: >50dB @60 MHz ; >70dB @100 MHz
- Max Power: 600W Continuous carrier / 1200W SSB/CW
- I/O Connectors: SO239 Teflon Insulator / Gold Contact
- Dimensions: L 200 mm x W 50 mm x H 40 mm
- Weight: 480 g

APPLICATION NOTES:

Low Pass Filters are designed to help you eliminate interference problems.

Interference problems can be insidious and have distressed virtually every amateur active on the high-frequency bands today. When dealing with television or FM Broadcast interference problems, installing one of these low pass filters is always the first step you should take.

Often, having the filter positioned at the output of your transceiver will solve your problem. It doesn't take a very big signal to get into a receiver just next door.

Don't have angry neighbors because low-level spurs or harmonics above 30 MHz cause problems. Order one of these Low Pass Filters and enjoy a little TVI insurance.