

JERROLD



TECH INFO

SINGLE VHF CHANNEL TUNABLE TRAPS. 300 or 75 Ohms.
Model 300TT20-2 thru 300TT20-13, 300 Ohms
Model 75TT20-2 thru 75TT20-13, 75 Ohms

APPLICATION NOTES

Model No. 75TT20-* and 300TT20-* are band stop filters designed to provide 20 dB attenuation on both sound and video carriers of TV stations interfering with other television channels. * Specify the VHF channel to be trapped.

Both traps are particularly useful in attenuating signals from strong local stations which cause overloading of signal amplifiers. The interference will appear as sound bars, "sync" bars floating through the picture, garbled sound or the total washout of the desired channel by the offending one.

MOUNTING:

Always install a trap or traps between the antenna and a signal amplifier and as close to the amplifier as possible. If no amplifier is used, mount trap at back of TV set.

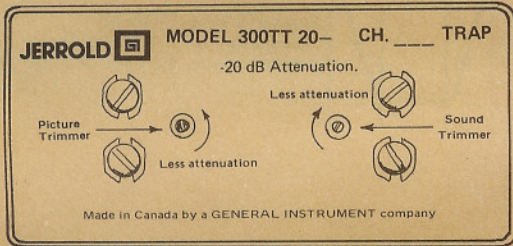
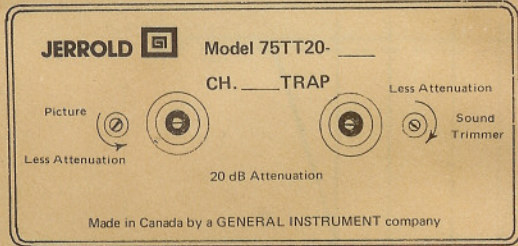
Under severe conditions the 300TT20-* or 75TT20-* are not recommended for adjacent channel operation (example, attenuate channel 2 to watch channel 3) with the exceptions of channels 4 and 5 or channels 6 and 7. It may, however, under average to favourable conditions, provide an acceptable picture and sound on adjacent channels.

In case of more than one interfering signal, appropriate traps may be connected in series. An example would be interference to distant channels from strong local channels 3 and 8. In this case, connect the lead from the antenna terminals to one of the terminals on the channel 3 trap. Then connect a short length of lead from the other terminals to the terminals on the channel 8 trap. Connect other terminals of channel 8 trap to input of the amplifier or TV set.

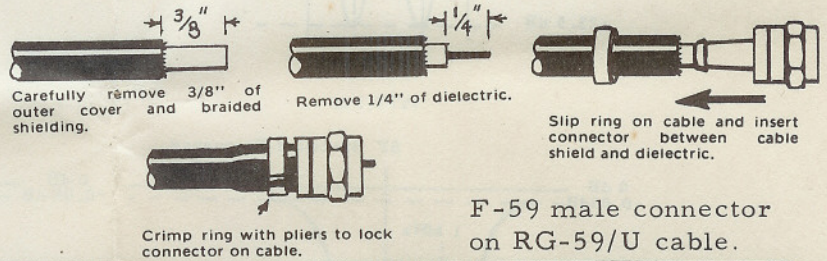
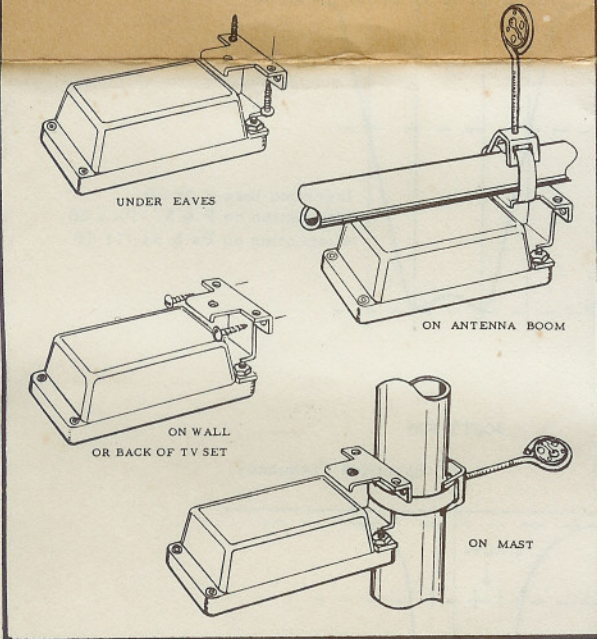
CAUTION: The following adjustments should only be done by qualified personnel.

This trap has been factory adjusted to provide -20 dB attenuation on picture and sound. If the attenuation is too great for certain TV sets, adjust the trimmers according to the following steps using a plastic or fibre screw driver.

1. To reduce picture attenuation, rotate trimmer screw to the left in a counter clockwise direction, no more than 30°.
2. To reduce sound attenuation, rotate trimmer screw to the right in a clockwise direction, no more than 30°.



ENGINEERED TO MOUNT ANYWHERE



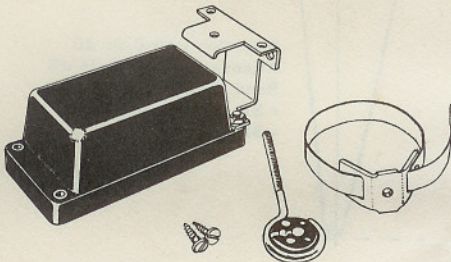
SINGLE FREQUENCY FM TUNABLE TRAP 300 or 75 Ohms.
Model 300TT FM* 300 Ohms. Model 75TT FM* 75 Ohms.
*Indicate FM frequency when ordering.

Interference on TV can be caused by a strong local FM radio station. This interference can be reduced effectively by using a Model 300TT FM or a 75TT FM trap made for a specific FM frequency. Specified frequency is stamped on the FM Trap. These traps attenuate an FM station-25 dB.

MOUNTING:

Install a trap or traps between the antenna and a signal amplifier and as close to amplifier as possible. If no amplifier is used, mount trap at back of TV set.

CAUTION: Do not attempt to adjust trimmers unless a field strength meter or RF sweep test equipment is used by qualified personnel.



Manufactured in Canada by
DELHI METAL PRODUCTS LIMITED
a GENERAL INSTRUMENT company
Delhi, Ontario

RESPONSE CURVES OF TUNABLE TRAPS

