

TVI & RFI Suppression



MFJ-702B \$29.95

200 w Low Pass TVI filter for use between your transmitter and antenna or between your transmitter and linear or tuner. Attenuation is 50 dB @ 54 MHz.

Guardian Angel™ Lightning Surge Protector



**MFJ-270U
\$29.95
400 w PEP**

Ultra-fast gas discharge tube safely shunts up to 5000 amps of peak impulse current harmlessly to an independent ground connection. It has an SWR of less than 1.1:1 and an insertion loss of less than 0.1 dB.

MFJ-97 replacement gas tube \$9.95



MFJ-272 MF shown

MFJ- 272 MF \$44.95

1500 watts PEP with PL-259 and SO-239 connector

MFJ-272 \$39.95

1500 watts PEP with PL-259 connectors

MFJ-97H replacement gas discharge tube \$19.95



MFJ-711B \$24.95

Shieldbreaker™ high pass filter effectively suppresses annoying TVI. Has standard "F" male and female connectors so adaptors are not needed.

The MFJ-711 can drastically reduce or eliminate most TV interference coming from nearby radio transmitters. Install between your cable and VCR or TV set. Reduces signal received from transmitters operating below 30 MHz. An MFJ exclusive shield-braking circuit prevents your antenna cable from acting like an HF antenna, thereby reducing or eliminating the chance of harmful TVI interference.



**\$85
MFJ-931 Artificial RF Ground**

Creating an artificial RF ground effectively places your rig near actual earth ground potential even if your rig is on the second floor or higher where no earth ground is possible. Reduces chances of TVI/RFI. The MFJ-931 creates an artificial RF ground. It resonates a random length of wire thrown along the floor and produces a tuned counterpoise. When used with a conventional ground system, the MFJ-931 places a far away RF ground directly at your rig — no matter how far away it is. It reduces the electrical length of the ground connection wire to virtually zero by tuning out its reactance. Tune with the built-in RF ammeter. 1.8 - 30 MHz.

RFI or TVI prevention is not complete unless the RFI Quick Fix™ is installed.



of the RADIO WORKS' Line Isolators. Installing our Line Isolators is the single most effective thing you can do to solve RFI problems or to prevent them in the first place. The RFI Quick Fix™ isn't complete without the best RF station ground you can install. A good RF ground is the heart of any RFI prevention scheme. Once the RFI Quick Fix™ and the RF ground situation is properly attended to, the next step is to install Ferrite cores on any control or power lead that you suspect may be contributing to your RFI problems. Once all of your RFI problems are disposed of, then give some thought to Lightning Surge protection. Ferrite cores are indispensable in computerized stations. All those interconnecting cables are an easy entry point for RF to get inside your computer and create all sorts of mischief. As we add more ancillary equipment to our stations, it's becoming more and more difficult to solve RFI induced difficulties. Fortunately, the RADIO WORKS has all the right tools to get the job done properly.



**\$65
MFJ-264**



**\$34.95
MFJ-260C**

Dummy Loads

MFJ-264 - 50 Ohm, 1500 watts for 10 seconds, 100 w continuously. 1.8 - 650 MHz. SWR < 1.3:1 @ 650 MHz. Dry, air cooled.

MFJ-260C - 300 watt, air cooled, noninductive resistor. Full load for 30 seconds, derated curve to 5 minutes. SWR < 1.5:1 @ 150 MHz, < 1.1:1 @ 30 MHz.



\$44.95

MFJ-704 Low Pass Filter

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|------------------|--------------|
| Passband - | 1.8 - 30 MHz |
| Cutoff frequency | 40 MHz |
| Power capacity | 1500 w |
| Impedance | 52 ohms |

Each product on these two pages is important in the war on TVI and RFI, but the place to start is with the RFI Quick Fix™. The RFI Quick Fix™ is the installation of one or more

Prices and specifications are subject to change without notice.