

MODEL PS-1 5 VDC POWER INSERTER

This unit consists of a regulated 5.0 VDC power supply (300 ma max current) for use in RG-6 networks designed to distribute XM or Sirius Satellite Radio signals.

CAUTION: Do not substitute other power supplies for the one supplied. Only regulated 5 VDC supplies can be used with this product.

Connect the power inserter prior to any splitters or radios to provide power to line amplifiers and the antenna's internal low-noise amplifier up-stream. The output of the inserter labeled "Radio" is DC blocked. The output of the inserter labeled "Ant" passes DC power to the antenna and amplifiers up stream. The power supply should be connected to the input on the inserter labeled "DC IN". If a Satellite Radio is connected directly to the "Radio" output of the power inserter, use a model F36SMB (three foot F to SMB) jumper cable (sold separately) as shown in figure 1. In this configuration the impedance terminator (see below) included with the power inserter must be attached to the inserter's "Radio" output prior to connecting the jumper or else the radio will display an "ANTENNA" error message. If a radio is not connected directly to the power inserter radio output, the impedance terminator is not required as shown in figure 2 and should not be connected to the radio.

