

Model: EXT-1: RG-6 Cable Extension Kit

This kit includes the connectors and adapters to permit the use of standard RG-6 cable with XM or Sirius Satellite Radio Antennas. This kit, when used with the included line amplifier, can extend the antenna cable up to 125 additional feet for a total of 145 feet. Multiple amplifiers (one Model SBA-1 for each 125 foot segment) can be used to make longer cables. This kit provides the flexibility to allow the installer to cut RG-6 cable to custom lengths and to use plenum rated RG-6 cable where fire codes require. A 3ft length of small diameter coaxial cable is supplied with an SMB plug to mate with the radio. An S-band rated line amp is also included. The amp(s) must be placed as shown in the attached diagrams at the antenna end of the cable to overcome cable loss.

#1 - The attached diagram shows the configuration for a 125 foot extension cable. To overcome the loss of the RG-6, a line amplifier is required to be located at the end of the standard antenna 20 ft. cable.

#2 - The diagram shows a 250 foot length of RG-6. This requires the use of one additional line amp located as shown at the antenna end of the cable for a total of two amps in cascade. Do not locate these amps at the receiver end of the cable.

#3 - The diagram shows a 375 foot length of RG-6. This requires the use of two additional line amps, located as shown at the antenna end of the cable for a total of three amps in cascade. Do not locate these amps at the receiver end of the cable.

