

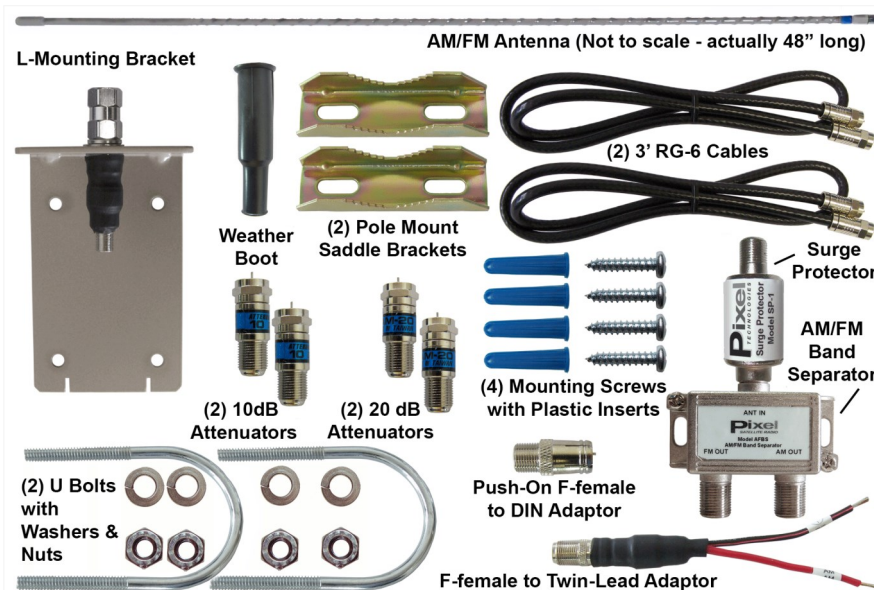
This kit is designed to permit the reception and multiplexing on a single RG-6 cable of:

- Satellite radio signals at 2.33 GHz (either Sirius or XM or both simultaneously)
- FM Radio (88 -108 MHz)
- AM radio (500 KHz to 1.7 MHz)
- HD Radio signals in the AM and FM bands
- Over-the-air TV signals (with the addition of two MB-2 splitters and any standard TV antenna.
- These items are not included and must be purchased separately)

**Important installation instructions:**

- Do not exceed 300 feet of cable between the antennas and the radios without additional amplification (Model MBA-12 or Model SBA-1).
- Make sure the red lead of the coax-to-twin lead AM radio adapter is connected to the terminal on the receiver marked antenna and the black lead is connected to the terminal marked Ground on the AM antenna connection block.
- Weather-proof all outdoor connectors to prevent moisture ingress. Cover any unused outdoor signal ports.

**Supplied Accessories**

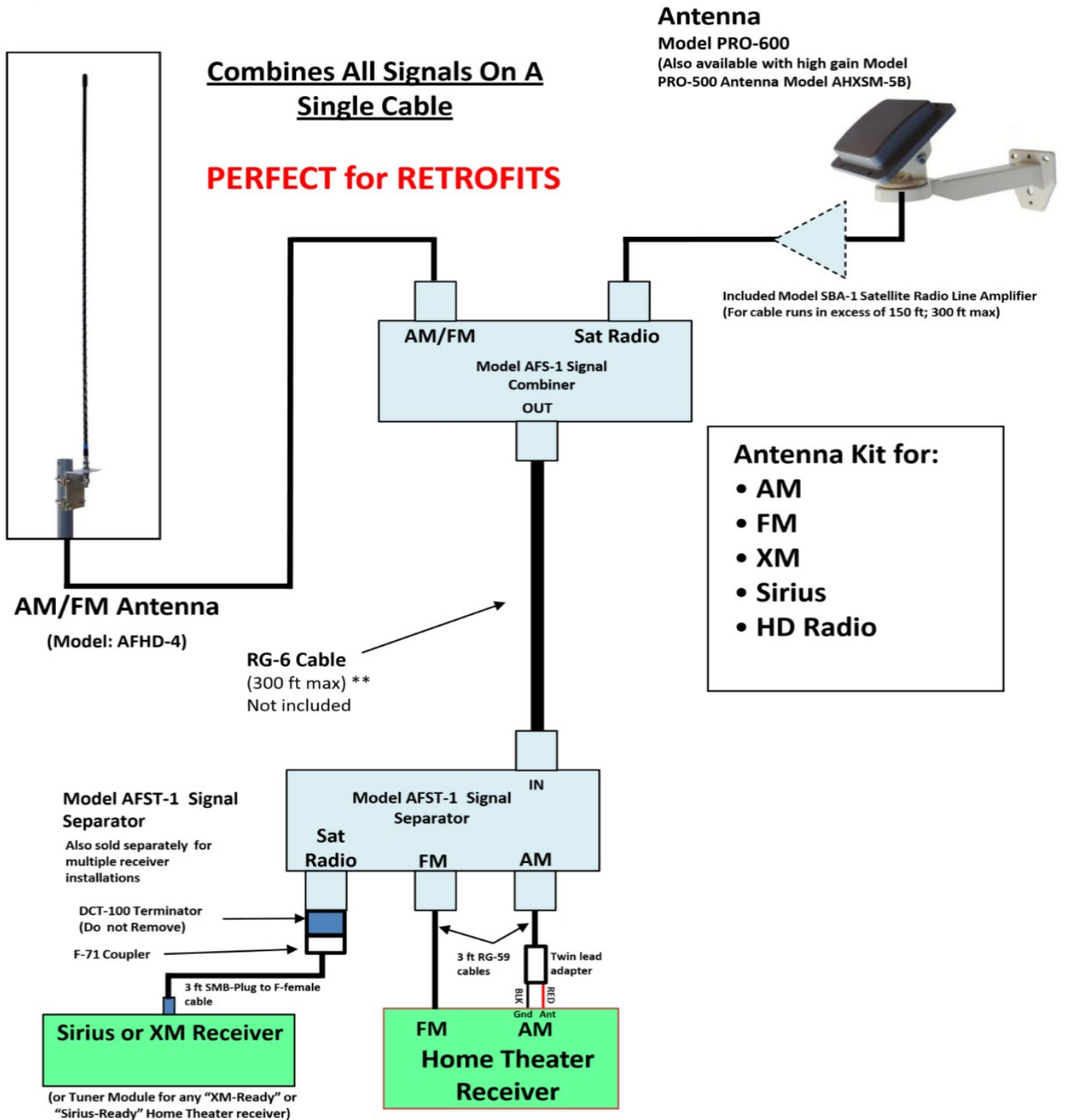


QTY	Included Items for AFXSM-5 or AFXSM-6
1	Satellite Radio Antenna either PRO-600 or PRO-500 (Not pictured)
1 Lot	Mounting Hardware for Satellite Antenna
1	Model AFHD-4 AM/FM Antenna
1 Lot	Mounting Hardware for AM/FM Antenna
1	Model AFST-1 AM / FM / XM Signal Splitter
1	Model AFS-1 AM / FM / XM Signal Combiner
2	F-71 F-male to F-male coupler
1	3 ft F-female to SMB plug cable
2	3 ft F-male RG-6 Cable
2	20 dB Attenuator
2	10 dB Attenuator
1	F-female to DIN Adaptor
1	Twin Lead AM Radio Antenna Adapter
1	Weather Boot
2	Ground Lug and Star Washer
1	SBA-1 Inline Amplifier
1	DCT-100 Impedence Terminator
1	COAXSEAL



# Wiring Diagram

## Multi-Band Antenna Kit - Model AFXSM-5 or Model AFXSM-6



\*\* Line amplifier (Model MBA-12) and splitter (Model MBS-4) available for longer cable runs and multiple receiver applications.

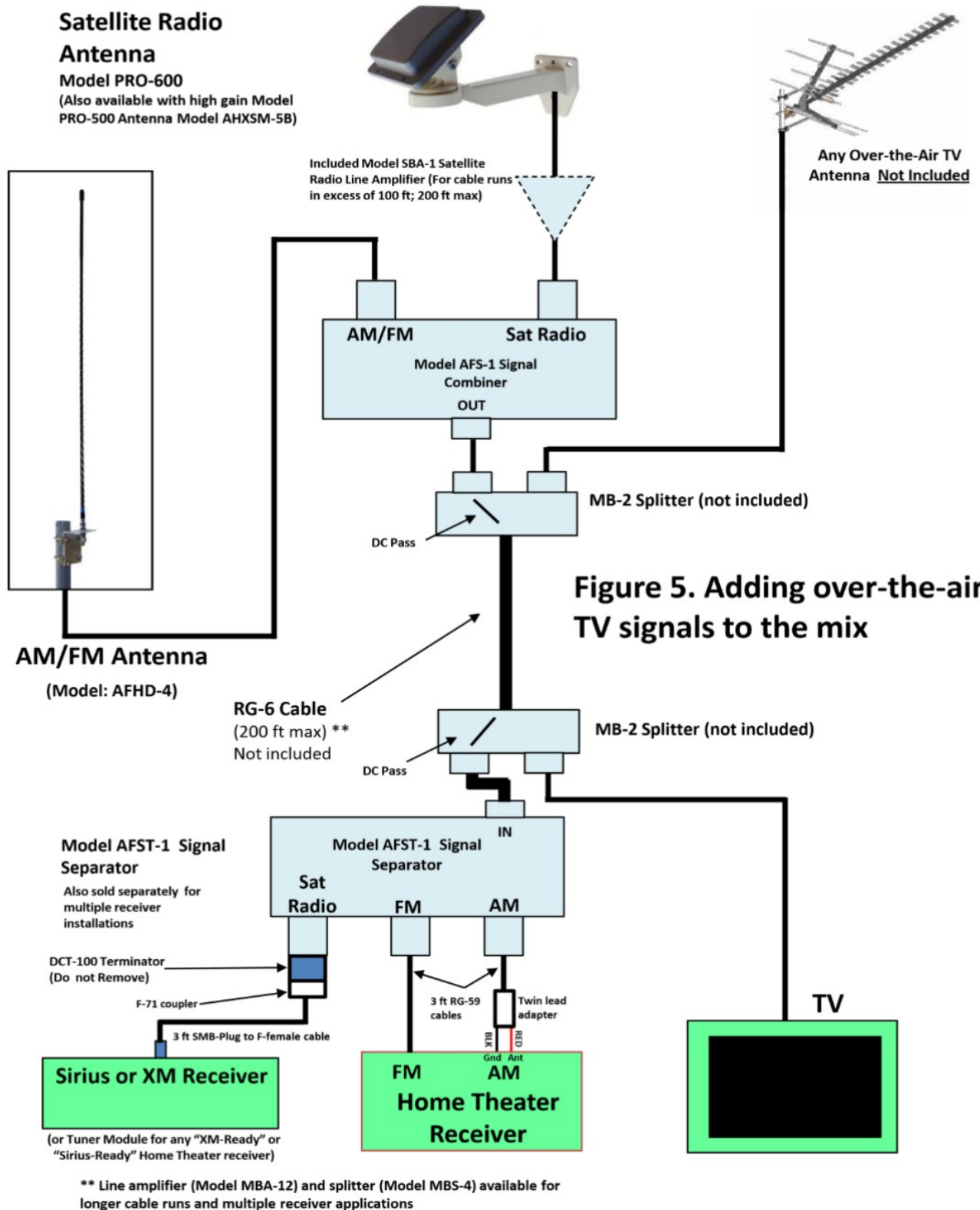
## Antenna Installation

The images below show the antenna installation to a mounting pole (any pole up to 2" OD). The antenna can also be mounted to any flat surface. For best results the antenna should be mounted outdoors. The AM/FM antenna should be mounted as high in the air as practical above the roof line and not parallel to the side of a building or parallel (within 3 feet) of any metal objects such as drain gutters, aluminum siding or HVAC ducts.



# Multi-Band Antenna Installation with Over-the-air Antenna

The image below shows the wiring diagram that should be used to add over-the-air broadcast TV signals to the mix of AM/FM and Satellite Radio signals. In this configuration do not exceed a total cable run from the antennas to the receivers of 200 ft without adding additional line amplifiers.



## Warranty

Pixel Technologies warrants its products against defects in material or workmanship for a period of 12 months from the date of retail sale unless otherwise contracted. Defective products will be repaired or replaced at the sole discretion of Pixel Technologies, Inc.

### Shipping Your Product for Warranty Repair

- A copy of the receipt, invoice, or other proof of purchase.
- A description of the problem.
- Include all original components that came with the unit. Missing components will not be replaced.
- Include return name, physical address, & telephone number/email address and RMA number. (An RMA number can be obtained by calling Pixel Technologies at 800-595-0845.
- Please ship product by traceable means (such as UPS, FedEx, etc)

### Return Material Authorization (RMA)

You must email or call us and obtain an RMA number before returning any product and be sure to write it clearly on the outside of the package. We reserve the right to refuse any products returned to us without a return authorization number clearly written on the outside of the return package. All returns or exchanges MUST be postmarked within 3 business days after an RMA number is issued. Please keep products and packaging in like-new condition when returning for a refund to avoid fees for damaged/missing items. Packaging may be opened, but ALL items must be present including the packaging itself and literature. Items that have been physically damaged and show clear signs of wear also cannot be returned.

### Damaged, Missing, Delayed or Wrong Items Shipped

**Pixel Technologies** is not responsible for items that may be damaged, lost, or missing by the shipping company, or "carrier" (UPS, DHL, USPS, etc.). All products and packaging should be carefully inspected upon receipt. Any and all claims regarding wrong item shipped, missing items, or items damaged in shipping must be made to us by email or phone within **7 (seven) calendar days** of your order being marked delivered to you by the carrier; after that we can no longer file any claims. The purchaser should alert the carrier and Pixel Technologies that a claim needs to be filed for that shipment. Once the claim is approved, we will re-ship your item at no additional charge.

**If we shipped you the wrong item**, we will ship out the correct item to you at no additional charge. We will ask that you return the incorrect item to us. An RMA number will be issued and you will be fairly compensated for your return shipping expenses. We reserve the right to choose a shipping method for your replacement, normally matching the same in-transit time as your original shipment.

**If an item is missing**, we will review the order, checking correct package weight, etc. If we determine that the item was in fact omitted through our error, we will ship the item out at no additional charge to you. Shipping method will be equal in speed to the original shipping method at time of order (Air or Express service may not apply to shipments going to Hawaii, Alaska, or Canada).

**If a piece is missing from a kit** (for example, a cable) we will ship the missing piece via the carrier and shipping method of our choice.

**We will be happy to help you** with the details of packaging and shipping your merchandise for credit or exchange if defective. Some limitations and restrictions apply. Replacements for defective items are usually shipped within 1-3 business days (via ground) after receipt of the defective item.

**We strive to ship products out as soon as possible.** Once items are shipped, Pixel Technologies has no control over the timeliness of the shipments and cannot be held responsible for any delays caused by the carrier.

**If necessary, Pixel Technologies will aid in the filing of an appropriate claim with the carrier in the event of package loss or damage. We cannot refund shipping charges regardless of reason for delayed shipments.**