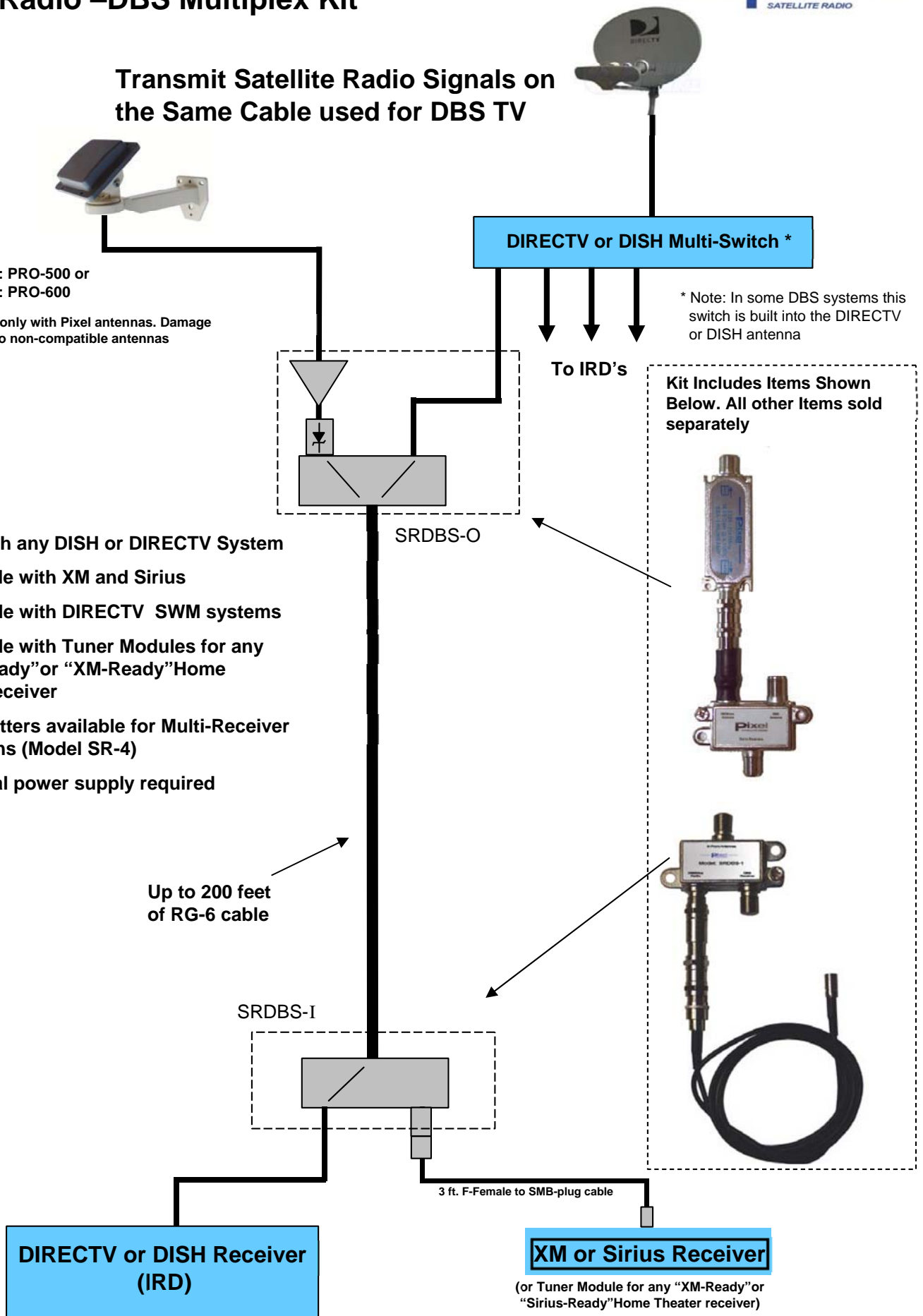


# Satellite Radio –DBS Multiplex Kit

## Transmit Satellite Radio Signals on the Same Cable used for DBS TV



Pixel Model: PRO-500 or  
Pixel Model: PRO-600

\* Compatible only with Pixel antennas. Damage may result to non-compatible antennas

**DIRECTV or DISH Multi-Switch \***

\* Note: In some DBS systems this switch is built into the DIRECTV or DISH antenna

To IRD's

Kit Includes Items Shown Below. All other Items sold separately

- Works with any DISH or DIRECTV System
- Compatible with XM and Sirius
- Compatible with DIRECTV SWM systems
- Compatible with Tuner Modules for any "Sirius-Ready" or "XM-Ready" Home Theater Receiver
- Signal splitters available for Multi-Receiver Installations (Model SR-4)
- No external power supply required

Up to 200 feet of RG-6 cable

SRDBS-I

SRDBS-O

3 ft. F-Female to SMB-plug cable

Model:

**DIRECTV or DISH Receiver (IRD)**

**XM or Sirius Receiver**

(or Tuner Module for any "XM-Ready" or "Sirius-Ready" Home Theater receiver)

## **Model: SRDBS Satellite Radio / DBS TV Multiplex Kit**

This kit is designed to multiplex a 2.33 GHz satellite radio signal (either Sirius, XM or both) on the same wire used to send DBS signals to DirecTV or DISH receivers. It includes the necessary components to inject the signal on the cable and to remove it at the satellite TV receiver. It will operate with all legacy and standard DirecTV and DISH Network receivers and will also operate with newer DirecTV Single Wire Multi-Switch (SWM) systems. **It is only compatible with Pixel satellite radio antennas Model PRO-500 or PRO-600. It is not recommended for use with other manufacturer's satellite radio antennas or antennas that are shipped with XM or Sirius radios, as damage may occur to these other antennas.**

### **System Operation. with legacy and standard DirecTV and DISH Network Systems**

Figure 1 shows the setup for use with any DBS receiver system (except DirecTV SWM-single wire multi-switch systems shown in Figure 2). The components provided for this include the following:

SBA -1 satellite radio line amplifier

**One 7.5 VDC voltage reducer**

Signal combiner (all ports power passing) Model SRDBS-O

Signal splitter (one port power passing) Model SRDBS-I

3 ft F-female to SMB-plug cable

Impedance terminator

The satellite radio antenna is connected to the line amplifier shown in Figure 1 and the signal is combined with the satellite TV signal that would normally be connected directly to one of the DISH or DirecTV receivers. At the DISH or DirecTV receiver the signals are split to the satellite radio and to the satellite TV receiver

**The picture below shows the signal combiner and signal splitter that are pre-assembled ready for use except that one of the 7.5 VDC voltage reducers shown in the diagram must be removed for use with standard or legacy DBS systems:**

**CAUTION: Do not plug the satellite radio antenna into any other port on the signal combiner than that shown. The 18 V DC for the satellite TV antenna will damage the satellite radio antenna.**

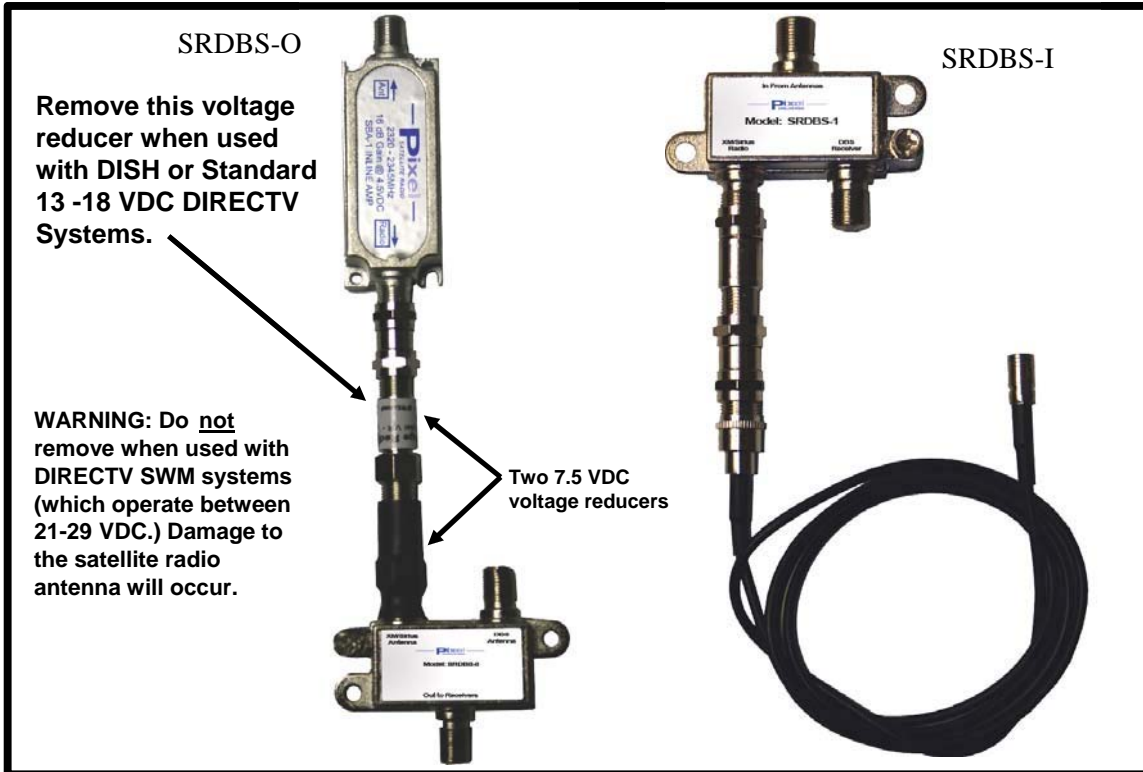
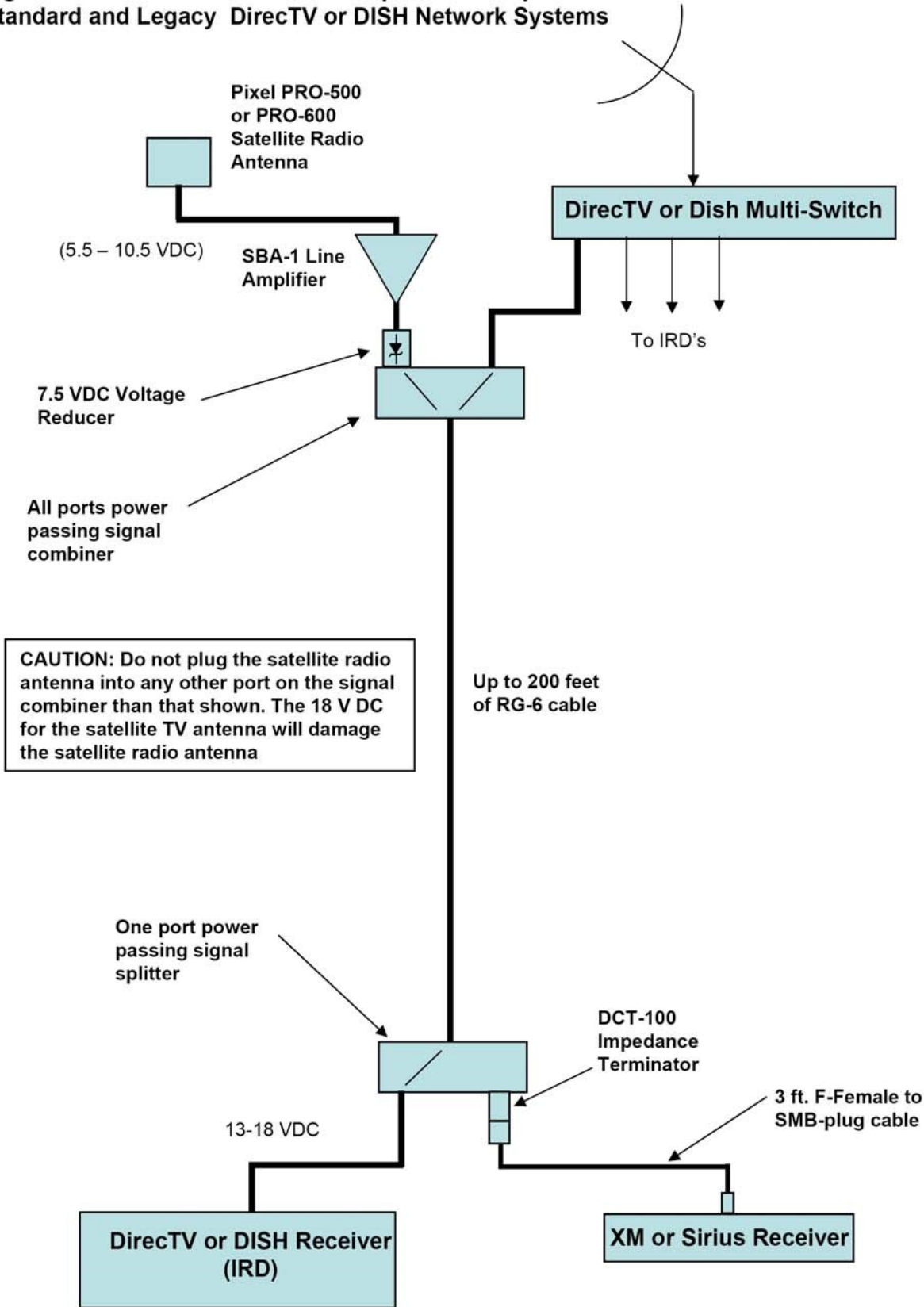


Figure 1. Satellite Radio – DBS Multiplex Kit Setup for Standard and Legacy DirecTV or DISH Network Systems



**System Operation. with DirecTV SWM antenna or SWM switch**

Figure 2 shows the setup for use with DirecTV SWM-single wire multi-switch systems. The components provided for this include the following:

SBA -1 satellite radio line amplifier

**Two 7.5 VDC voltage reducers**

Signal combiner (all ports power passing) Model SRDBS-O

Signal splitter (one port power passing) Model SRDBS-I

3 ft F-female to SMB-plug cable

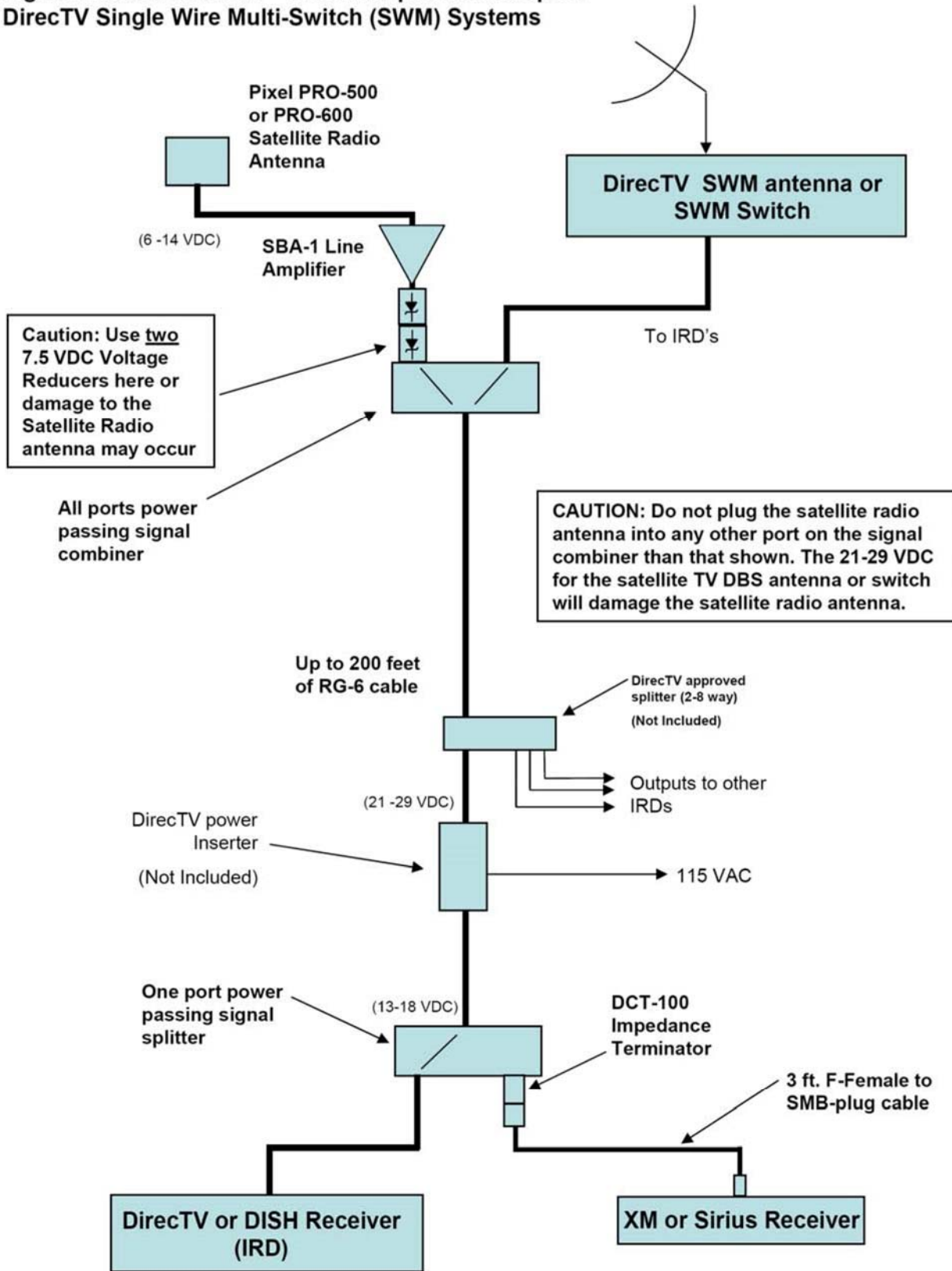
Impedance terminator

The satellite radio antenna is connected to the line amplifier shown in Figure 2 and the signal is combined with the satellite TV signal that would normally be connected directly to the DirecTV receivers through the power inserter and splitters. At the DISH or DirecTV receiver the signals are split to the satellite radio and to the satellite TV receiver.

The picture below shows the signal combiner and signal splitter that is pre-assembled ready for use:

**CAUTION: Do not plug the satellite radio antenna into any other port on the signal combiner than that shown. The 21-29 VDC for the satellite TV DBS antenna or switch will damage the satellite radio antenna.**

Figure 2. Satellite Radio – DBS Multiplex Kit Setup for DirecTV Single Wire Multi-Switch (SWM) Systems



## **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**

- When shipping your product you must include the following:
- 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.**