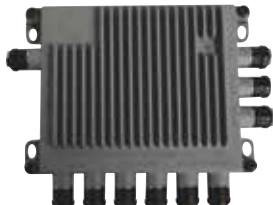




WINEGARD®

**Guide for Using
DIRECTV® SWM Technology
with Winegard® Mobile Satellite TV Antennas**



**For up-to-date information on receiver compatibility & programming,
visit www.winegard.com**

Receivers Compatible with SWM Technology

Winegard mobile satellite TV antennas that operate with Multi-switch technology require separate accessories to operate with DIRECTV Single Wire Multi-switch (SWM) only technology receivers. For an up-to-date list of DIRECTV DVR and non-DVR receiver models that are only compatible with SWM technology, visit www.winegard.com/directv. This website also lists Winegard mobile satellite TV antennas that are compatible with DIRECTV. If unsure of your receiver model, check the back of the receiver or the inside front door of the smart card slot.



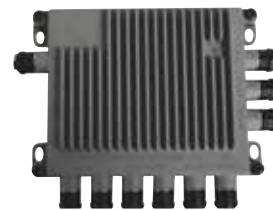
Model number

SWM Kit Parts

For proper SWM operation with Winegard satellite TV antennas that operate with Multi-switch technology, the DSWM30S and PI-29 or PI-29Z power supply, and DIRECTV approved splitter (typically 2, 4, or 8 port) must be used. Failure to use this equipment may cause issues with your system. Note that Model SK-SWM3 SWM TRAV'LER® antenna operates with DIRECTV SWM technology without separate accessories.

The DIRECTV power inserter PI-29 or PI-29Z may damage a DIRECTV receiver if improperly connected in the system. The SWM output of the power inserter should never be directly applied to the input of a receiver. During installation, verify all wiring before applying power to the power inserter.

DSWM30S



Power Inserter



Splitter



Other Key Features







DIRECTV DSWM30S allows the use of up to thirty tuners with a Winegard satellite antenna. Keep in mind the following points when configuring your SWM setup:

- Supports up to 30 tuners
- Compatible with Genie and Genie 2
- Output level -25dBm
- Requires SWM-capable receivers (H21 or higher, D12, HR20 or higher, HS17)

WARNINGS

- **Never use B-Band converters with DSWM30S.**
- **Do not use a DIRECTV PI-21 power inserter with a DSWM30S. Use a DIRECTV power inserter PI-29 or PI-29Z.**
- **Never power on all receivers at once. Sequentially power receivers since every receiver must get a SWM assignment.**
- **Power inserters must be installed inside the vehicle.**
- **Never use a regular splitter. Only use a DIRECTV approved splitter.**

Winegard Mobile Satellite TV Antennas that Require Separate Accessories to Operate with SWM Technology

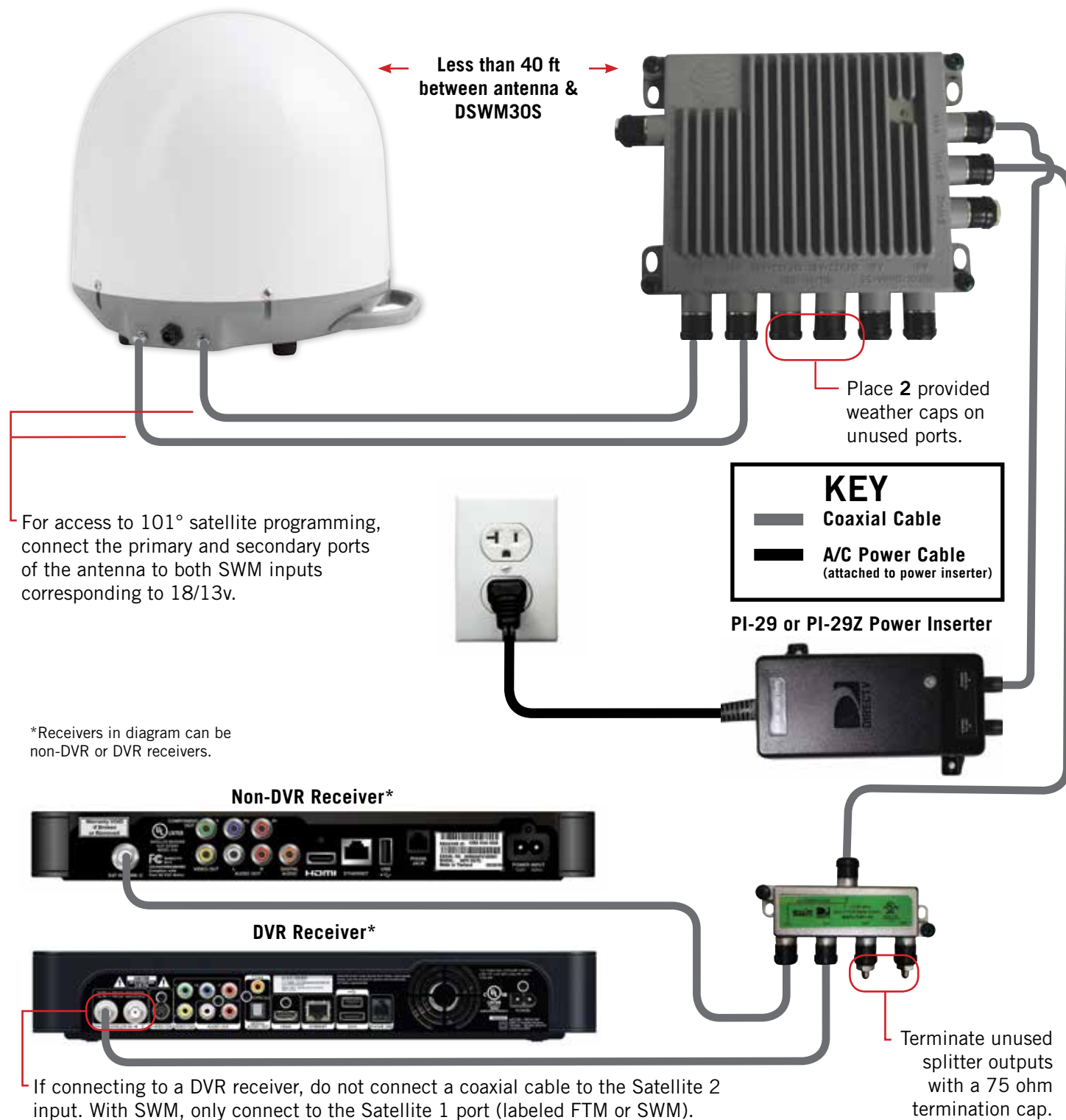
ANTENNAS	SAT 101°	WIRING DIAGRAM
 <p>RoadTrip® Mission®, MiniMax™, P4, T4 Carryout® automatic, G2</p>		<p>See page 3 for a DSWM30S installation with dome antennas. See page 7 for receiver settings.</p>
 <p>Carryout® G2+, G3</p>		<p>See page 4 for a DSWM30S installation with Carryout G2+ & G3. See page 7 for receiver settings.</p>
 <p>Crank-ups, Dish, Tripod Kits (TR-6018, PM-2000)' Carryout® Anser®, MP1™</p>		<p>See page 7 for receiver settings.</p>

*DIRECTV primary 101 programming only. Toggling to alternate satellites is not supported.

Dome Antenna with DIRECTV DSWM30S

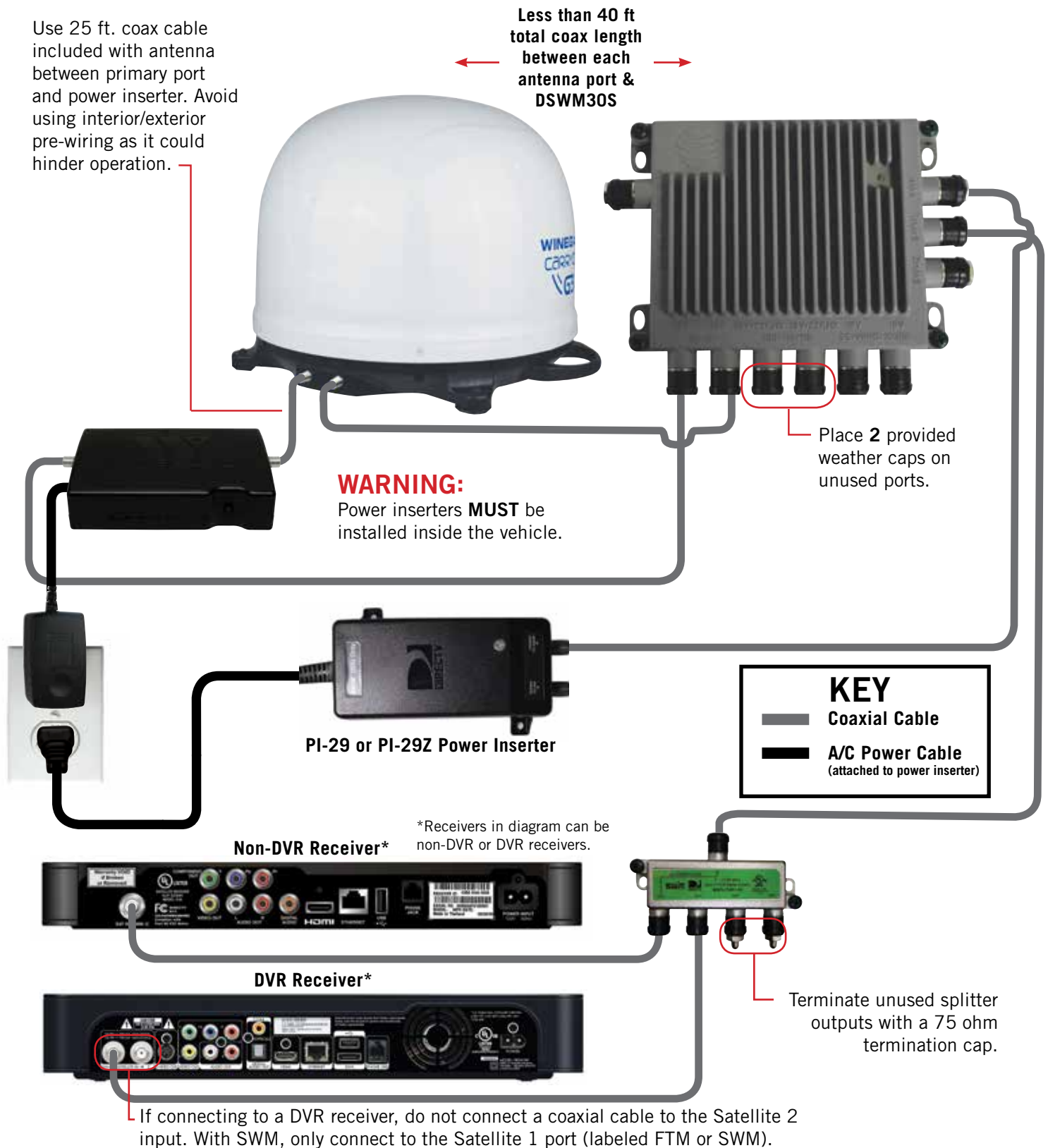
The wiring diagram below applies to dome antennas, including the Carryout G2, RoadTrip Mission, T4 and P4 antennas. The diagram applies to both stationary and tracking models. Carryout G2 automatic antenna is shown below.

If using an HD receiver with a dome antenna, change the preferences setting in the Display menu to “Hide all HD Channels.”



Carryout G2+, G3 Dome Antenna with DIRECTV DSWM30S

The wiring diagram below applies ONLY to the G2+ and G3 dome antennas. Carryout G3 automatic antenna is shown below. If using an HD receiver with a dome antenna, change the preferences setting in the Display menu to "Hide all HD Channels."

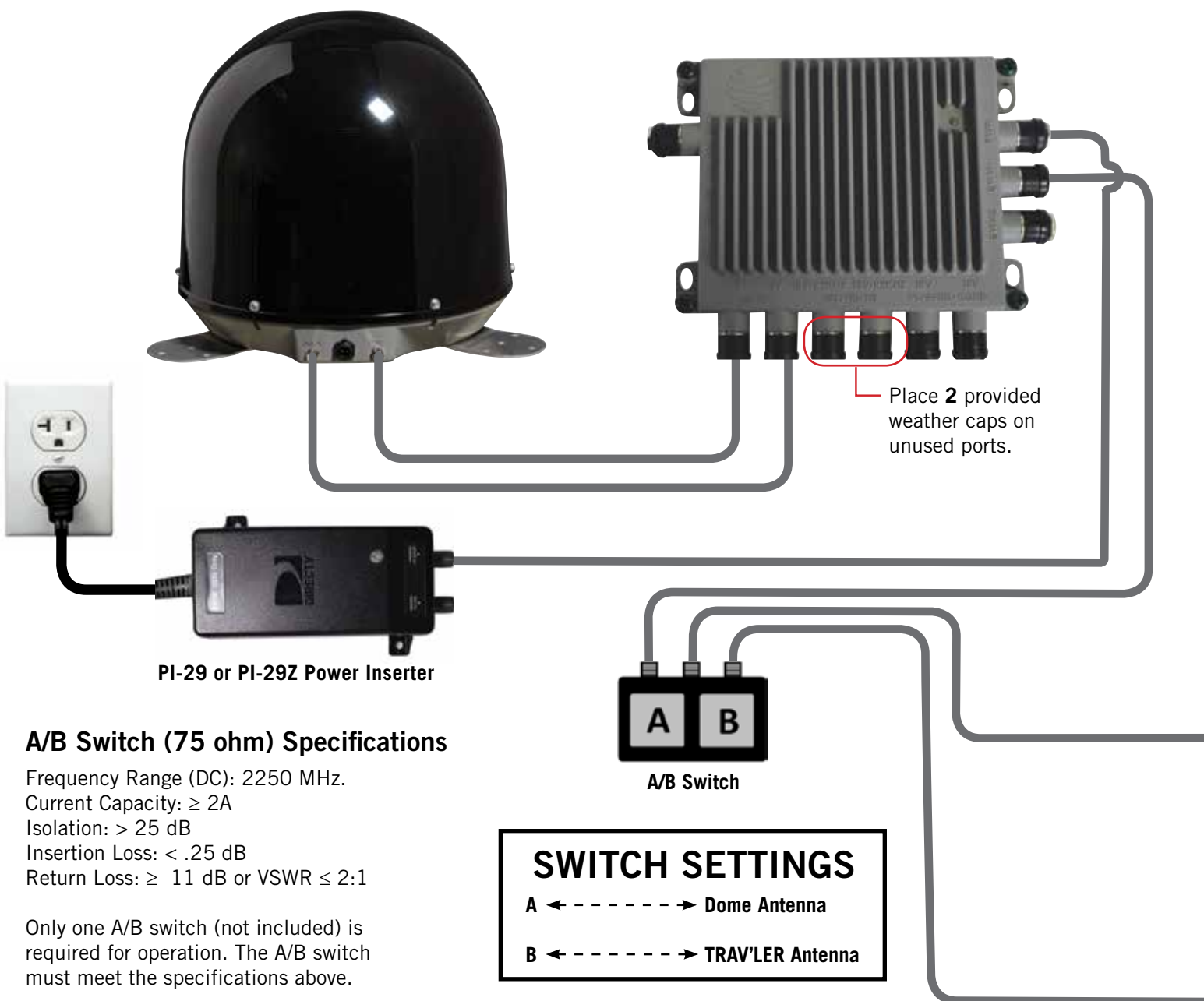


TRAV'LER SK-SWM3 Antenna with Dome Antenna

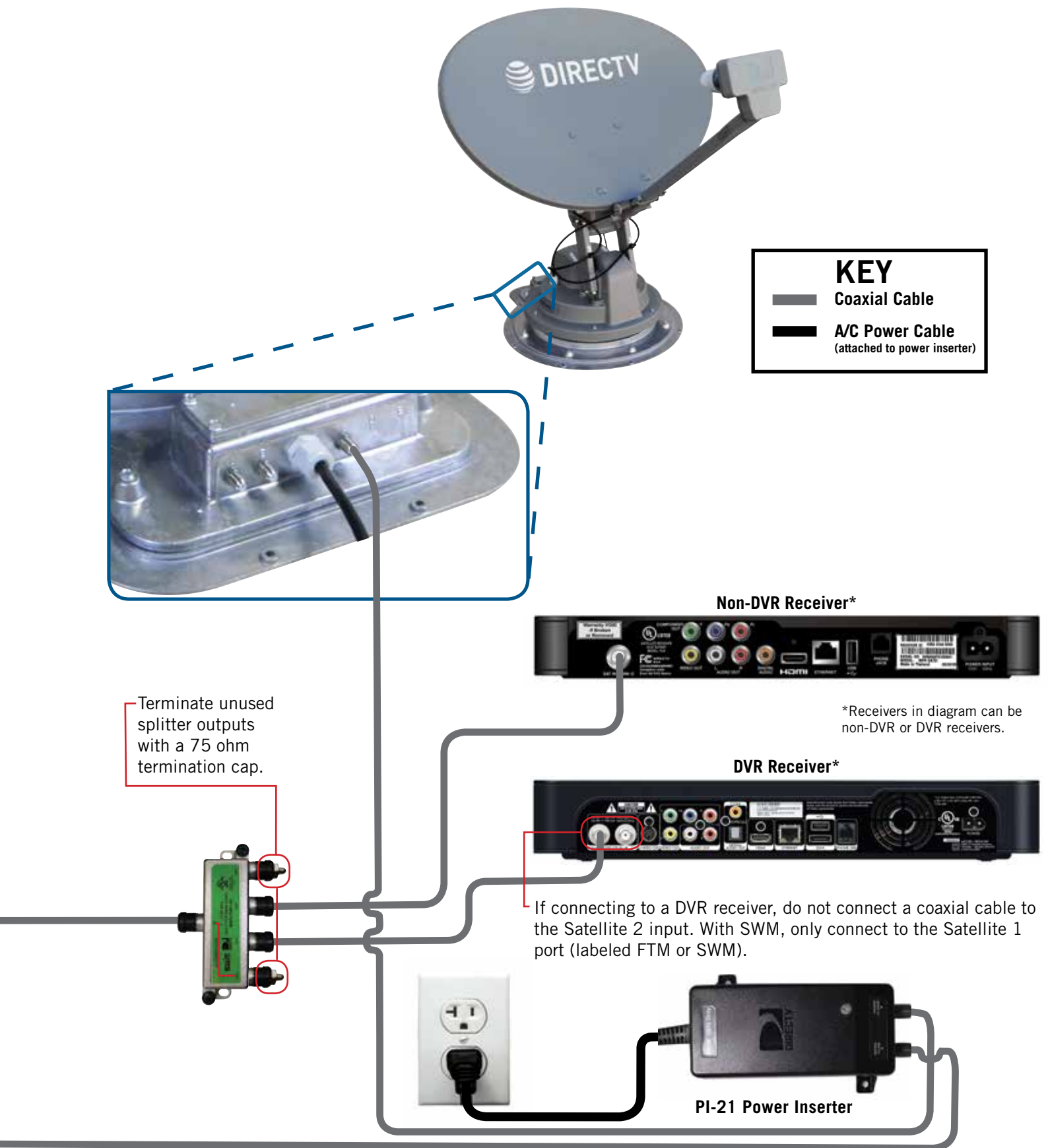
Set the Dish Type to 17: Slimline 3S (SWM), or SL3 LNB depending on software version, and set the Switch Type to 01: SWM. For more information on receiver setup and complete step-by-step instructions, refer to your product manual, or go online to <http://www.winegard.com/receivers/setupguide.php>.

When the receiver settings above are used with the TRAV'LER SK-SWM3 antenna, all HD and SD programming will be available. The same receiver settings will also work for the dome antenna but will display the "Searching for Signal" message on HD channels. To remove the "Searching for Signal" message, change the preferences setting in the Display menu to "Hide all HD Channels" when in dome operation. However, the receiver would need to be changed back to "Display All Channels" or "Show Only Channels I Get" when changing back to TRAV'LER SK-SWM3 mode.

NOTE It may take several minutes for the DIRECTV receiver to load HD channels or to purge HD channels from the channel guide.



TRAV'LER SK-SWM3 Antenna with Dome Antenna (cont.)



DIRECTV Receiver Settings

There are two possible receiver setting options for Winegard antennas using SWM technology. If the receiver doesn't match option 1, use option 2. For more information on receiver setup and complete step-by-step instructions, refer to your satellite TV antenna manual, or go online to <http://www.winegard.com>.

Dome Antenna, Carryout Anser & MP1 Antenna, Crank-up Antenna, Dish & Tripod Kit Settings

Option 1



- Set the Dish Type for **01: Round (18")**. If Round (18") is not available on the receiver, **Slimline-3** can be used. Set the Switch Type for **01: SWM**.
- Note that B-Band Converters should not be used with SWM Technology.

Option 2



- Set the Dish Type for **18x20" Round LNB**. If 18" Round LNB is not available chose **SL3 LNB**. Set the Switch Type for **SWM**.
- Note that B-Band Converters should not be used with SWM Technology.

For help, email help@winegard.com or call 1-800-788-4417

Disclaimer: although every effort has been made to ensure that the information in this manual is correct and complete, no company shall be held liable for any errors or omissions in this manual. Changes and technological advances are continuously being made in the satellite antenna market. Information provided in this manual was accurate at time of printing.

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