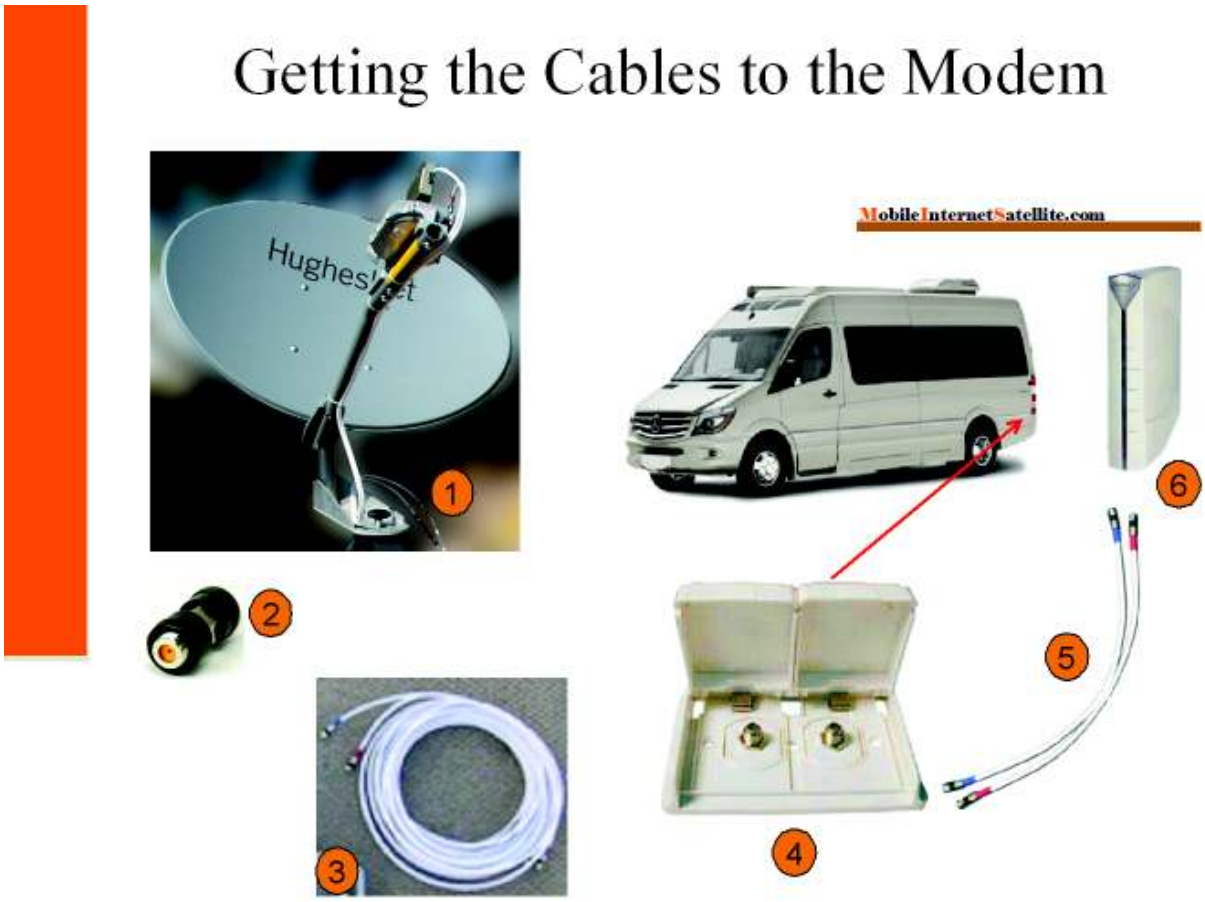

Step 1 – Getting the Cables to the Modem

You need to think about how the cables that comes from the satellite dish outside will connect to the satellite modem, which is typically inside.

Shown above is the most common method of solving this problem. Here is a description of the dish-to-modem path:

1. The short pigtail cables **(1)** are attached to the transmitter and LNB, on the arm.
2. The other ends connect to the long coaxial cables **(3)** using barrel connectors **(2)**.
3. The other ends of the long coaxial cables are typically connected to an exterior coax connector **(4)**, which is installed on the side of the RV. Two 1/2" holes are drilled in the RV for the installation. Be wary of existing coax connections, because the coax and/or connectors may not support Ka-band frequencies!
4. The short inside cables **(5)** are connected to the back of the exterior coax connector (from inside) **(4)** at one end and to the modem **(6)** at the other end.

Although the above describes the most common installation, other approaches are possible. For example, some mobile users prefer to put the modem and a wireless router in a basement compartment, thus avoiding the need to drill holes in the RV. Similarly, the modem and router could be place in a utility trailer, with easy access for cables. In both possibilities, the user will connect from within the RV via Wi-Fi.