

Example Standard Antenna Installation



Dish 1000.2 Antenna With Dish Pro Hybrid LNBF (for Hopper 3)

Single RG-6 Coax line

RG-6 Coax

DISH Pro Hybrid Solo Hub

RG-59 Coax will work, RG-6 Coax recommended

Hopper 3

1 x 3 Splitter

1 x 3 Splitter



Joey



Joey



4K Joey



4K Joey



Joey



Joey

Example Antenna Amplified for Long Coax or Multiple Hoppers

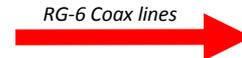
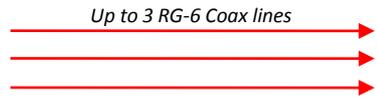


Dish 1000.2 Antenna with Dish Pro Plus LNBF

Amplifier

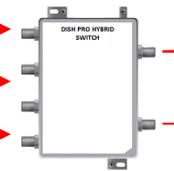


Example: Sonora Signal Splitter 3 inputs x 6 outputs per input (total 18 output coax)

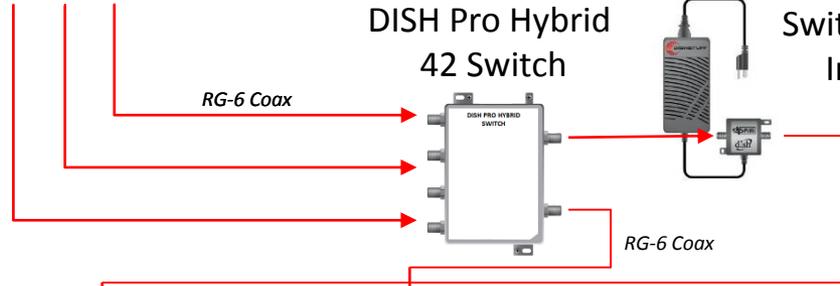


Multiple coax lines to additional DISH Pro Hybrid 42 Switches for additional Hoppers

DISH Pro Hybrid 42 Switch



Switch Power Inserter



RG-6 Coax

DISH Pro Hybrid Solo Hub



RG-59 Coax will work, RG-6 Coax recommended



Hopper 3



Hopper 3

To Splitters and then Joey's (As shown on previous wiring diagram)
Max 6 Joey thin-client receivers in same video network as each Hopper 3
(Joey's, 4K Joey's, Wireless Joey's)

Glossary

- **DISH 1000.2 ANTENNA WITH DISH PRO HYBRID LNBF**

The DISH 1000.2 antenna is the standard residential antenna used today. It provides up to 3 satellite orbital feeds via RG-6 coaxial cabling that can be expanded to be able to feed up to 7 DISH receivers (1 Hopper 3 and up to 6 Joey receivers). There are two versions used (Western Arc and Eastern Arc) based on the customer's location. The LNBFs, or low-noise block feed horns, of the antenna are powered by the DISH receivers. The DISH Pro Hybrid LNBF is compatible with Hopper 3 to offer 16 satellite tuners. Antenna size: 23.5" W x 18.5" H.

- **DISH 1000.2 ANTENNA WITH DISH PRO PLUS LNBF**

The DISH Pro Plus LNBF is used for installations with any DISH receiver models except the Hopper 3. It provides up to 3 DISH Pro Plus satellite orbital feeds via RG-6 coaxial cabling that can be expanded to be able to feed as many receivers required for an installation (15 receivers is maximum per account). Antenna size: 23.5" W x 18.5" H.

Glossary

- **DISH PRO HYBRID SOLO HUB**

This Solo Hub is a home video network device that combines multi-orbital coaxial cable satellite feeds from a DISH 1000.2 antenna or switch into a single-cable coaxial satellite feed to support MoCA networking for the Hopper 3 DVRs (host). The client ports are intended to feed up to 6 Joey client receivers (clients). The Solo Hub creates a MoCA video network for Hopper DVRs and Joeyes. Rated 50 MHz to 3 GHz.

- **SPLITTERS**

1 GHz common splitters can be used to feed Joey client receivers.

- **HOPPER 3**

The Hopper 3 is the revolutionary whole-home DVR from DISH that includes 16 satellite tuners and a 2TB hard drive.

- **JOEY**

The Joey is the MoCA thin-client receiver that networks with the Hopper for viewing on additional TVs.

- **4K JOEY**

The 4K Joey is an option for installation on additional 4K TVs.

- **WIRELESS JOEY**

The Wireless Joey is an option for installation on additional TVs where a coaxial cable connection is not possible or difficult. It communicates with the Hopper via a DISH-dedicated video wireless 802.11ac router.

Glossary

- **SONORA AMPLIFIED SPLITTER**

The Sonora amplified splitter allows individual satellite orbitals coming on 3 coaxial satellite feeds to be split to accommodate additional coaxial satellite feeds. These feeds are amplified to accommodate longer coaxial runs.

- **DISH PRO HYBRID 42 SWITCH**

This switch allows two Hopper 3 DVRs to be installed using a single DISH traditional 1000.2 antenna. Each Hopper 3 forms its own MoCA video network with connected Joeys. The switch comes with a 110VAC power supply unit.