



Model SRSC-2: Two-Way Passive Satellite Radio Splitter Coupler Kit

This coupler is optimized for use with Pixel Satellite Radio Splitter Model SR-4 for use in configuring 8-way splitter networks. This splitter is power passing on all ports (in both directions) and is not recommended for use as a two-way independent splitter, as damage to the radios will result. It is designed only for use in combining other diode protected splitters (such as the SR-4) which are connected to the radios and prevent cross coupling of the DC bias voltages at the output of each radio.

This kit includes the splitter and two cables to permit operation from a single antenna of two SR-4 splitters connected to multiple (up to eight) satellite radios. The loss of this passive splitter at 2.35 GHz is compensated by the excess gain (8 dB min) of the SR-4. The resulting 8-way network exhibits a gain of 3.5 dB (minimum).

This coupler when used with two SR-4 splitters will permit RG-6 cable runs from the SR-4 output to the radio of 30 feet. To extend these cable runs, place a Pixel Model SBA-1 line amplifier at the input of the SRSC-2 coupler. For example one amplifier will permit cable runs of up to 150 feet.

See diagrams on the reverse for typical installation examples.

Supplied Components:

QTY	Description
1	Passive two-way coupler / signal splitter
2	12 inch RG-6 cables (F-male to F-male)

Specifications:

Splitter Loss at 2.335 GHz: -4.5 dB max

Will operate outdoors or indoors over a temperature range of: - 40° C to +60° C

DC power passing, all ports, **both directions (no diode protection)**

Dimensions: 1.65" W x .97" L x .64" H

