

7702SP2, 7702SP4, 7702SP2-LNB, 7703SP4-LNB

RF Passive Splitters



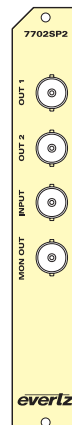
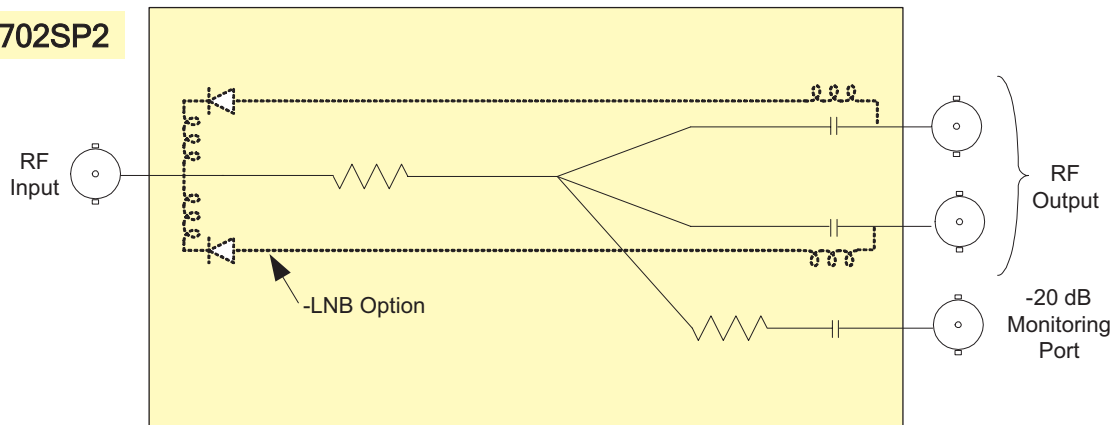
The 7702 series RF passive splitters provide inexpensive distribution of RF signals in a 1x2 or 1x4 configuration (designated by SP2 or SP4 in the part number). The operating frequency range is 40MHz to 2200MHz allowing both IF and L-band satellite signal distribution. When equipped with the "-LNB" option, DC power can be passed through any of the outputs to the input for LNB power (input frequency range limited to 400MHz-2200MHz). Diode protection ensures that no conflicts arise in the event that multiple connections provide DC power.

The 7702SP2 and 7702SP4 occupy one card slot and can be housed in a 1RU frame which will hold up to three modules, a 3RU frame which will hold up to 15 modules or a standalone enclosure.

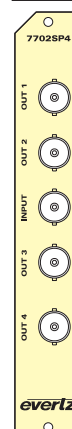
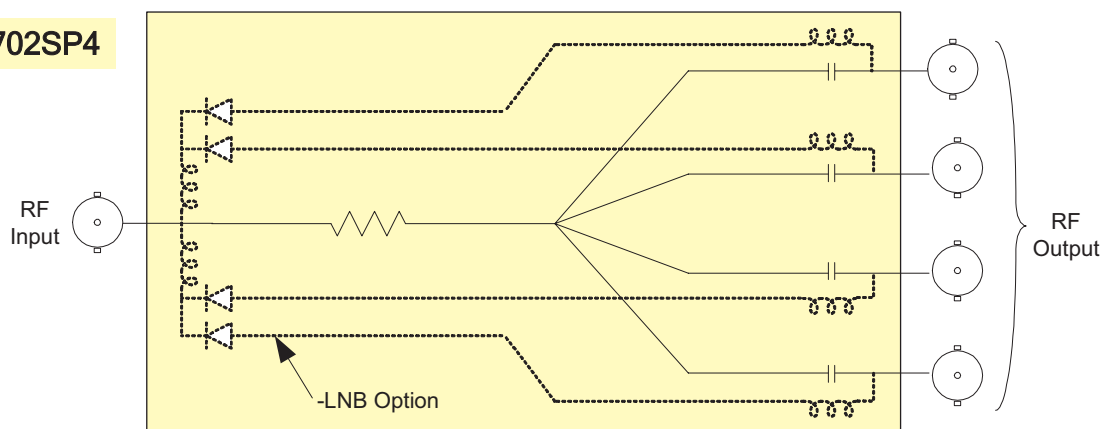
Features & Benefits

- Passes all signal modulation formats in the 40-2200MHz frequency range (400MHz-2200MHz with -LNB option)
- Functions as a splitter or combiner
- Completely passive design for high reliability
- Fully hot-swappable from front of frame
- -LNB option passes DC power to LNB

7702SP2



7702SP4



Specifications

RF Input:

Number of Inputs: 1
Connector: BNC, F type optional
I/O Impedance: 75Ω
Input Frequency Range:
40-2200MHz
-LNB Version: 400-2200MHz
Return Loss:
250MHz-2200MHz: > 12dB

RF Outputs:

Number of Outputs:
7702SP2: 2+1 Monitor
7702SP4: 4
Connector: BNC, F-Type optional
Insertion Loss:
7702SP2: 5 ±1dB
7702SP4: 8 ±1dB
Monitor: -20dB ±2dB referenced to the input port

I/O Impedance: 75Ω
Return Loss:
250MHz-2200MHz: > 12dB
Frequency Response:
± 1dB

Physical:
Number of slots: 1

Ordering Information

7702SP2	1x2 Passive RF Splitter
7702SP4	1x4 Passive RF Splitter
7702SP2-LNB	1x2 Passive RF Splitter, passes LNB power
7702SP4-LNB	1x4 Passive RF Splitter, passes LNB power

Ordering Options & Accessories

Rear Plate must be specified at time of order
Eg: Model +SC +3RU

Rear Plate Suffix:

+3RU 3RU rear plate for use with 7700FR-C Multiframe
+1RU 1RU rear plate for use with 7701FR Multiframe
+SA Standalone Enclosure Rear Plate

Connector Suffix:

+F75 75Ω F type connectors

Enclosures

7700FR-C 3RU Multiframe which holds up to 15 single slot modules
7701FR 1RU Multiframe which holds up to 3 single or dual slot modules