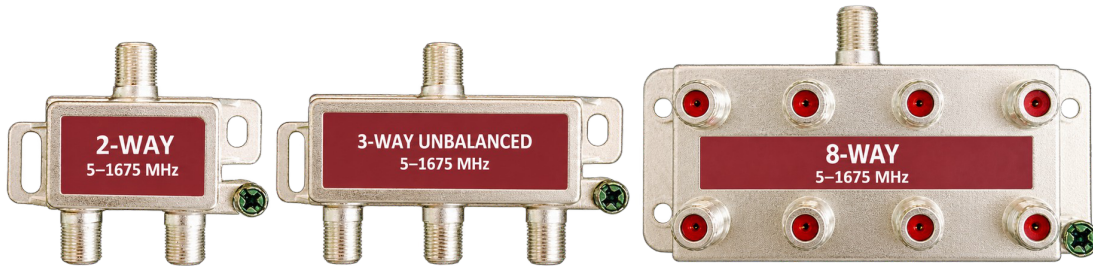


5-1675 MHz / HORIZONTAL AND VERTICAL FORMATS

MoCA splitter selection

Match the port layout, branch count and model-specific loss to the coaxial network.



Established horizontal / vertical range

Maximum insertion loss below applies to 1101-1675 MHz.

Configuration	Port layout	Insertion loss max.
2-way	Horizontal or vertical	6.8 dB
3-way unbalanced	Horizontal or vertical	5.5 / 11.0 dB
4-way	Horizontal or vertical	11.0 dB
6-way	Vertical	19.0 dB
8-way	Vertical	19.0 dB

The paired 3-way values distinguish low- and high-loss branches. Balanced 3-way splitters are also available; request the matching model specification.

Tin-plated zinc die-cast housings, threaded F-ports, mounting and grounding provisions. Specified operating temperature: -40 to +60 °C.

Page 2 presents a separate compact 2-4 output platform. Its RF values must not be substituted for the range on this page. Share the frequency plan, port layout and part number for configuration, labeling and packaging support.

5-1675 MHz / COMPACT MoCA RANGE

MoCA Two to Four Output Platform

A separate compact platform with balanced and unbalanced 3-way options. Use this page only for the selected platform.



Compact 2-, 3- and 4-output formats

Maximum insertion loss

Frequency MHz	2-way	3 unbalanced	3 balanced	4-way
5-870	≤ 4.0	≤ 4.0 / ≤ 8.0	≤ 6.0	≤ 8.0
870-1025	≤ 4.5	≤ 4.5 / ≤ 8.5	≤ 7.0	≤ 8.5
1025-1350	≤ 5.0	≤ 5.0 / ≤ 9.5	≤ 7.5	≤ 9.5
1350-1500	≤ 6.0	≤ 6.0 / ≤ 10.5	≤ 8.5	≤ 10.5
1500-1675	≤ 6.5	≤ 6.5 / ≤ 11.0	≤ 9.4	≤ 11.0

Output isolation

Frequency MHz	2-way	3 unbalanced	3 balanced	4-way
950-1675	< 25	< 25	< 25	< 25

Minimum input return loss

Frequency MHz	2-way	3 unbalanced	3 balanced	4-way
5-950	≥ 16	≥ 16	≥ 16	≥ 16

Minimum output return loss

Frequency MHz	2-way	3 unbalanced	3 balanced	4-way
5-10	≥ 16	≥ 16	≥ 16	≥ 16
10-950	≥ 17	≥ 16	≥ 16	≥ 17

For unbalanced 3-way configurations, paired values identify the low-loss / high-loss arms.

The < 25 dB isolation specification is an upper limit over 950-1675 MHz. It is not a minimum-isolation claim. Preserve that requirement when reviewing the intended MoCA network.

75-ohm coaxial distribution. The horizontal/vertical range on page 1 has different documented loss values and must be selected separately.