

Power Divider (Splitter/Combiner)

An RF Power Divider is also referred to as Splitter and/or Combiner. The device divides the energy from a single input signal into two or more output paths. Conversely, it can combine the energy from multiple signals into a single output. The device also delivers isolation between the output ports.

Features

- Low Insertion Loss
- Wide Frequency Range
- Phase and Amplitude Consistency



Frequency Range (GHz)	Output Ports	Insertion Loss (dB)	Isolation (dB)	Amplitude Balance (dB)	Phase Balance	Connector Type
1-18	2	≤ 1.8	≥ 18	≤ 0.4	$\pm 5^\circ$	SMA-(F)
2-18	2	≤ 1.0	≥ 18	≤ 0.3	$\pm 4^\circ$	SMA-(F)
6-40	2	≤ 1.4	≥ 16	≤ 0.5	$\pm 5^\circ$	2.92mm-(F)
18-40	2	≤ 1.0	≥ 16	≤ 0.4	$\pm 5^\circ$	2.92mm-(F)
18-50	2	≤ 1.8	≥ 18	≤ 0.6	$\pm 6^\circ$	2.4mm-(F)
2-8	4	≤ 1.0	≥ 17	0.3	$\pm 4^\circ$	SMA-(F)
6-18	4	≤ 1.2	≥ 18	≤ 0.3	$\pm 6^\circ$	SMA-(F)
0.5-26.5	4	≤ 5.2	≥ 16	≤ 0.4	$\pm 6^\circ$	SMA-(F)
2-26,5	4	≤ 2.6	≥ 16	≤ 0.5	$\pm 6^\circ$	SMA-(F)
2-26.5	4	≤ 2.6	≥ 16	≤ 0.5	$\pm 6^\circ$	2.92mm-(F)
2-40	4	≤ 3.0	≥ 15	≤ 0.5	$\pm 10^\circ$	2.92mm-(F)
10-40	4	≤ 1.5	≥ 16	≤ 0.4	$\pm 6^\circ$	2.92mm-(F)
18-50	4	≤ 2.5	≥ 15	≤ 0.6	$\pm 10^\circ$	2.4mm-(F)