



Power Dividers

10-1000 MHz

Power dividers are grouped into Hybrid/Wilkensen and Stripline designs. Hybrid designs are characterized by port-to-port isolation of 20 dB or more and are typically used in receiver multicoupler or low power signal booster applications. Stripline splitters have no port-to-port isolation and are most typically used to feed transmitter power to multiple antennas for phased arrays or similar applications. The models below are characterized by low-loss above the splitting loss and wide bandwidths. N connectors are standard.

Number of Ports	Model	Frequency Range (MHz)	Splitting Loss (dB)	VSWR	Port-port Isolation (min)	RF Power Max. Input	Connectors	Dimensions (less conn.), HWD
2	84-01-09*	10-512	3.5-3.8	2.0:1	None	125W	N male	1.75" x 5.25" x 2.50" (44.5 x 133.3 x 63.5 mm)
2	84-01-11	25-512	3.6	1.5:1	20 dB	1W	N female	1.02" x 2.00" x 2.37" (25.9 x 50.8 x 60.2 mm)
4	84-01-12	25-512	7.4	1.5:1	20 dB	1W	N female	1.02" x 4.25" x 2.37" (25.9 x 108.0 x 60.2 mm)
2	84-37-01*	144-174	3.2	1.15:1	None	800W	N female	1.75" x 5.25" x 2.50" (44.5 x 133.3 x 63.5 mm)
4	84-37-02	132-174	6.2	1.15:1	None	1000W	N female	2.00" x 19.00" x 2.75" (50.8 x 482.6 x 69.9 mm)
2	84-58-01*	350-520	3.2	1.15:1	None	500W	N female	1.75" x 5.25" x 2.50" (44.5 x 133.3 x 63.5 mm)
4	84-58-02	350-520	6.4	1.15:1	None	1000W	N female	2.00" x 19.00" x 2.75" (50.8 x 482.6 x 69.9 mm)
2	84-84B-01	350-1000	3.6	1.25:1	22 dB	30 W	SMA female	1.98" x 1.98" x 0.75" (50.3 x 50.3 x 19.1 mm)
2	84-83-01	746-960	3.2	1.5:1	20 dB	1W	N female	1.02" x 2.00" x 2.37" (25.9 x 50.8 x 60.2 mm)
4	84-83-02	746-960	6.3	1.5:1	20 dB	1W	N female	1.02" x 4.25" x 2.37" (25.9 x 108 x 60.2 mm)
3	84-83-12	746-960	5.1	1.5:1	None	500W	N female	1.02" x 3.25" x 2.37" (25.9 x 82.6 x 60.2 mm)
2	84-83-14	746-960	3.2	1.5:1	None	500W	N female	1.02" x 3.25" x 2.37" (25.9 x 82.6 x 60.2 mm)
4	84-83-17	746-960	6.4	1.5:1	None	500 W	N female	1.02" x 4.25" x 2.37" (25.9 x 108.0 x 60.2 mm)

*Coated version available. Add "C" at the end of the model number, e.g. 84-01-09C

TX RX Systems Inc.

8625 Industrial Pkwy, Angola, NY 14006
716.549.4700 | Sales@txrx.com | www.txrx.com