

Power dividers from ENRICHTEK are available in both narrow and broad bandwidths. They come with excellent performance featuring minimal insertion loss, high isolation, good amplitude balance, good phase balance, low VSWR and high power handling ability.

2-way Power Divider

P/N	Freq. (MHz)	IL (dB)	VSWR (\leq)	Isolation (dB)	Amplitude Balance (dB)	Phase Balance (degree)	Power Rate (W)	Connector
EPD2-E1-E9	100~900	0.3 Min. 1.0 Max.	1.45:1	≥ 18	0.3	3.0	1	SMA/N/ BNC
EPD2-E5-1E	500~1000	0.3 Min. 0.5 Max.	1.2:1	≥ 22	0.2	2.0	20	SMA/N/ BNC
EPD2-E5-2E	500~2000	0.4 Min. 0.6 Max.	1.35:1	≥ 20	0.3	3.0	20	SMA/N/ BNC
EPD2-E5-2E5	500~2500	0.4 Min. 0.6 Max.	1.35:1	≥ 20	0.3	4.0	20	SMA/N/ BNC
EPD2-E5-6E	500~6000	1.0 Max.	1.5 (0.7-6G ≤ 1.3)	17 (0.7-6G ≥ 20)	± 0.3	± 3	10	SMA
EPD2-E5-8E	500~8000	1.2 Max.	1.65 (0.7-8G \leq 1.4)	15 (0.7-8G ≥ 19)	± 0.4	± 4	10	SMA
EPD2-E8-2E2	800~2200	0.3 Min. 0.5 Max.	1.35:1	≥ 20	0.2	4.0	20	SMA/N/ BNC
EPD2-1E-2E	1000~2000	0.3 Min. 0.4 Max.	1.25:1	≥ 20	0.2	2.0	20	SMA/N/ BNC
EPD2-2E-8E	2000~8000	0.5 Min. 0.8 Max.	1.3:1	≥ 20	0.2	3 \leq	10	SMA
EPD2-2E-18E	2000~18000	1.2 Max.	1.5:1	≥ 18	± 0.2	± 2	10	SMA
MPD2-1E-43E3	10-43.3GHz	1.3 Max.	$\leq 1.7:1$	≥ 16	$\leq \pm 0.5$	$\leq \pm 5^\circ$	Forward: $\leq 10W$ Reverse: $\leq 1W$	2.92-F
MPD2-18E-4E	18-40GHz	1.2 Max.	$\leq 1.5:1$	≥ 16	$\leq \pm 0.5$	$\leq \pm 5^\circ$	Forward: $\leq 10W$ Reverse: $\leq 1W$	2.92-F

3-way Power Divider

P/N	Freq. (MHz)	IL (dB)	VSWR (\leq)	Isolation (dB)	Amplitude Balance (dB)	Phase Balance (degree)	Power Rate (W)	Connector
EPD3-E5-6E	500~6000	1.4 Max.	1.7 (0.4-6G ≤ 1.4)	17	± 0.5	± 3	10	SMA

4-way Power Divider

P/N	Freq. (MHz)	IL (dB)	VSWR (\leq)	Isolation (dB)	Amplitude Balance (dB)	Phase Balance (degree)	Power Rate (W)	Connector
EPD4-E005-E5	5~500	0.4 Min. 0.8 Max	1.25:1	≥ 20	0.4	3	5	SMA/N /BNC
EPD4-E01-1E	10~ 1000	0.4 Min. 1.5 Max.	1.30:1	≥ 20	0.4	6	5	SMA/N /BNC
EPD4-E5-6E	500-6000	1.8 Max.	1.4:1	≥ 18	± 0.5	± 4	10	SMA
EPD4-E5-8E	500-8000	1.8 Max.	1.5 : 1 (0.4-6G \leq 1.4)	≥ 17	± 0.5	± 4	10	SMA
EPD4-E8-2E	800~2000	0.6 Max.	1.35:1	≥ 20	0.3	3	20	SMA/N /BNC
EPD4-1E-2E	1000~2000	0.3 Min. 0.6 Max.	1.35:1	≥ 20	0.2	3	20	SMA/N
EPD4-2E-4E2	2000~4200	0.3 Min. 0.8 Max.	1.35:1	≥ 20	0.3	4	10	SMA/N
EPD4-2E-8E	2000~8000	0.5 Min. 0.8 Max.	1.45:1	≥ 20	0.4	5	10	SMA
MPD4-1E-4E	10-40GHz	1.5 Max.	$\leq 1.5:1$	≥ 16	$\leq \pm 0.4$	$\leq \pm 6^\circ$	Forward: $\leq 10W$ Reverse: $\leq 1W$	2.92-F
MPD4-15E-4E	15-40GHz	1.5 Max.	$\leq 1.5:1$	≥ 16	$\leq \pm 0.4$	$\leq \pm 6^\circ$	Forward: $\leq 10W$ Reverse: $\leq 1W$	2.92-F
EPD4-18E-4E	18-40GHz	1.5 Max.	$\leq 1.5:1$	≥ 16	± 0.4	± 6	Forward: 10W	2.92-F

6-way Power Divider

P/N	Freq. (MHz)	IL (dB)	VSWR (\leq)	Isolation (dB)	Amplitude Balance (dB)	Phase Balance (degree)	Power Rate (W)	Connector
EPD6-E4-4E	400~4000	0.6 Min. 2.4 Max.	1.7:1	≥ 15	1	12	10	SMA
EPD6-E5-6E	500~6000	1.0 Min. 2.0 Max.	1.5:1	≥ 15	1	8 \leq	10	SMA
EPD6-E65-2E7	650~2700	0.4 Min. 1.8 Max.	1.4:1	≥ 20	0.4	5	10	SMA

8-way Power Divider

P/N	Freq. (MHz)	IL (dB)	VSWR (\leq)	Isolation (dB)	Amplitude Balance (dB)	Phase Balance (degree)	Power Rate (W)	Connector
EPD8-E001-E05	1~50	0.2 Min. 0.8 Max.	1.3:1	≥ 22	0.1	$1 \leq$	1	SMA
EPD8-E005-E5	5~500	0.5 Min. 1.6 Max.	1.5:1	≥ 20	0.4	$4 \leq$	1	SMA
EPD8-E01-1E	10~1000	0.5 Min. 1.6 Max.	1.5:1	≥ 20	0.4	$4 \leq$	1	SMA
EPD8-E4-4E	400~4000	1.0 Min. 2.4 Max.	1.6 :1	≥ 17	0.5	$6 \leq$	10	SMA
EPD8-E5-6E	500-6000	2.4 Max.	$\leq 1.5:1$	≥ 18	0.5	± 6	10	SMA

12-way Power Divider

P/N	Freq. (MHz)	IL (dB)	VSWR (\leq)	Isolation (dB)	Amplitude Balance (dB)	Phase Balance (degree)	Power Rate (W)	Connector
EPD12-E005-E5	5~500	0.8 Min. 3.5 Max.	1.5:1	≥ 18	1.0	10.0	10	SMA
EPD12-E6-3E-N	600~3000	0.6 Min. 2.4 Max.	1.65:1	≥ 18	0.6	10.0	10	N

16-way Power Divider

P/N	Freq. (MHz)	IL (dB)	VSWR (\leq)	Isolation (dB)	Amplitude Balance (dB)	Phase Balance (degree)	Power Rate (W)	Connector
EPD16-E4-4E	400~4000	1.5 Min. 3.6 Max.	1.7:1	≥ 15	1.0	10.0	20	SMA
EPD16-E5-1E	500~1000	0.6 Min. 1.4 Max.	1.5:1	≥ 20	0.6	6.0	20	SMA
EPD16-E65-2E4	650~2400	0.6 Min. 2.0 Max.	1.7:1	≥ 18	0.4	9.0	20	SMA/ BNC

32-way Power Divider

P/N	Freq. (MHz)	IL (dB)	VSWR (\leq)	Isolation (dB)	Amplitude Balance (dB)	Phase Balance (degree)	Power Rate (W)	Connector
EPD32-E3-E4	300~400	1.0 Min. 2.9 Max.	1.8:1	≥ 18	0.8	10.0	1	SMA

64-way Power Divider

P/N	Freq. (MHz)	IL (dB)	VSWR (\leq)	Isolation (dB)	Amplitude Balance (dB)	Phase Balance (degree)	Power Rate (W)	Connector
EPD64-3E4-4E2	3400~4200	1.2 Min. 4.0 Max.	1.8:1	≥ 18	1.0	12	Forward ≤ 30 Reversed ≤ 1	SMA