

4 Way-0° Power Splitter/Combiner

JS4PS-ED10334/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)				
	S-1	S-2	S-3	S-4		1-2	2-3	3-4			S	1	2	3	4
10.0	6.30	6.30	6.31	6.30	0.01	14.49	30.70	15.05	0.05	10.0	1.29	1.56	1.56	1.52	1.52
15.0	6.30	6.30	6.30	6.30	0.01	16.35	31.08	16.83	0.08	15.0	1.27	1.42	1.41	1.39	1.39
20.0	6.29	6.29	6.29	6.29	0.00	17.47	31.12	17.92	0.01	20.0	1.26	1.35	1.34	1.33	1.33
25.0	6.29	6.29	6.29	6.29	0.00	18.27	31.07	18.68	0.01	25.0	1.25	1.30	1.30	1.29	1.29
30.0	6.28	6.28	6.29	6.29	0.01	18.85	31.03	19.24	0.03	30.0	1.24	1.27	1.27	1.26	1.26
35.0	6.28	6.28	6.28	6.28	0.00	19.29	30.96	19.66	0.02	35.0	1.24	1.26	1.25	1.24	1.24
40.0	6.28	6.28	6.28	6.28	0.00	19.63	30.93	19.99	0.02	40.0	1.24	1.24	1.24	1.23	1.23
45.0	6.27	6.28	6.28	6.28	0.00	19.90	30.89	20.25	0.02	45.0	1.24	1.23	1.23	1.22	1.22
50.0	6.27	6.28	6.27	6.28	0.00	20.13	30.85	20.47	0.03	50.0	1.23	1.22	1.22	1.21	1.21
55.0	6.27	6.27	6.27	6.27	0.00	20.32	30.80	20.66	0.02	55.0	1.23	1.21	1.21	1.20	1.20
60.0	6.27	6.28	6.27	6.28	0.00	20.50	30.76	20.83	0.02	60.0	1.23	1.21	1.21	1.20	1.20
65.0	6.27	6.28	6.27	6.28	0.00	20.64	30.73	20.96	0.05	65.0	1.23	1.20	1.20	1.19	1.19
70.0	6.27	6.28	6.27	6.27	0.01	20.76	30.71	21.08	0.03	70.0	1.23	1.20	1.20	1.19	1.19
75.0	6.27	6.27	6.28	6.28	0.00	20.88	30.69	21.19	0.02	75.0	1.22	1.19	1.19	1.18	1.18
80.0	6.27	6.27	6.27	6.27	0.01	20.97	30.65	21.28	0.06	80.0	1.22	1.19	1.19	1.18	1.18
100.0	6.27	6.28	6.28	6.28	0.01	21.25	30.61	21.55	0.08	100.0	1.22	1.18	1.18	1.17	1.17
125.0	6.28	6.29	6.28	6.29	0.01	21.48	30.58	21.77	0.11	125.0	1.21	1.17	1.17	1.17	1.16
150.0	6.28	6.29	6.29	6.29	0.01	21.66	30.59	21.95	0.17	150.0	1.21	1.17	1.17	1.16	1.16
175.0	6.28	6.29	6.29	6.29	0.01	21.83	30.67	22.12	0.16	175.0	1.21	1.17	1.17	1.16	1.16
200.0	6.30	6.31	6.31	6.31	0.02	22.02	30.74	22.31	0.23	200.0	1.21	1.16	1.16	1.16	1.15
250.0	6.31	6.32	6.32	6.33	0.02	22.41	31.00	22.71	0.31	250.0	1.20	1.16	1.16	1.16	1.15
300.0	6.33	6.35	6.35	6.36	0.03	22.89	31.35	23.22	0.37	300.0	1.20	1.16	1.16	1.16	1.16
350.0	6.34	6.36	6.37	6.38	0.04	23.46	31.79	23.81	0.43	350.0	1.19	1.16	1.16	1.17	1.15
400.0	6.37	6.39	6.41	6.42	0.05	24.15	32.29	24.54	0.48	400.0	1.19	1.16	1.17	1.17	1.16
450.0	6.38	6.40	6.42	6.43	0.06	24.94	32.78	25.37	0.51	450.0	1.17	1.16	1.17	1.18	1.16
500.0	6.40	6.43	6.46	6.47	0.07	25.84	33.11	26.32	0.55	500.0	1.15	1.16	1.18	1.18	1.16
550.0	6.44	6.47	6.50	6.52	0.08	26.81	33.14	27.34	0.67	550.0	1.13	1.16	1.17	1.18	1.16
600.0	6.44	6.49	6.53	6.55	0.10	27.62	32.66	28.14	0.78	600.0	1.09	1.15	1.16	1.17	1.15
650.0	6.48	6.54	6.58	6.59	0.12	28.17	31.84	28.57	0.88	650.0	1.04	1.14	1.15	1.16	1.13
700.0	6.50	6.57	6.61	6.63	0.13	28.25	30.79	28.41	1.00	700.0	1.01	1.13	1.14	1.15	1.12
750.0	6.55	6.64	6.68	6.70	0.14	27.83	29.69	27.71	1.17	750.0	1.07	1.12	1.14	1.15	1.12
800.0	6.60	6.68	6.73	6.75	0.15	26.99	28.57	26.63	1.31	800.0	1.14	1.11	1.13	1.13	1.11
850.0	6.66	6.77	6.81	6.82	0.16	25.99	27.49	25.48	1.54	850.0	1.22	1.10	1.12	1.13	1.10
900.0	6.71	6.83	6.87	6.88	0.17	24.97	26.52	24.36	1.74	900.0	1.31	1.09	1.11	1.12	1.08
950.0	6.79	6.92	6.96	6.96	0.17	24.05	25.66	23.36	1.97	950.0	1.41	1.07	1.09	1.09	1.06
1000.0	6.86	7.00	7.04	7.04	0.18	23.21	24.91	22.46	2.20	1000.0	1.50	1.07	1.09	1.09	1.05
1050.0	6.94	7.08	7.12	7.11	0.17	22.47	24.29	21.67	2.44	1050.0	1.59	1.07	1.07	1.07	1.04
1100.0	7.04	7.17	7.20	7.19	0.16	21.83	23.75	20.97	2.77	1100.0	1.66	1.08	1.09	1.08	1.05
1150.0	7.11	7.27	7.29	7.27	0.18	21.23	23.34	20.34	3.27	1150.0	1.71	1.09	1.10	1.10	1.06

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

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