

4 Way-0° Power Splitter/Combiner

JEPS-ED12966/1

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	1-3	3-4			S	1	2	3	4
80.0	7.98	8.03	8.05	7.98	0.07	8.37	8.73	8.39	0.95	80.0	3.85	3.32	3.33	3.34	3.32
100.0	7.96	8.04	8.05	7.96	0.10	8.55	9.04	8.56	1.06	100.0	3.81	3.11	3.13	3.13	3.11
300.0	7.64	7.92	7.96	7.61	0.35	11.54	12.36	11.55	0.79	300.0	3.41	1.72	1.81	1.81	1.72
500.0	7.21	7.53	7.58	7.17	0.41	15.34	15.12	15.38	0.47	500.0	2.82	1.27	1.36	1.36	1.27
700.0	6.75	7.06	7.11	6.70	0.41	19.68	18.13	19.75	1.26	700.0	2.16	1.17	1.21	1.22	1.17
750.0	6.65	6.96	7.01	6.60	0.41	20.63	18.98	20.68	1.42	750.0	2.01	1.17	1.20	1.21	1.17
800.0	6.56	6.88	6.93	6.52	0.41	21.30	19.85	21.35	1.57	800.0	1.87	1.17	1.19	1.20	1.17
850.0	6.50	6.81	6.86	6.44	0.41	21.60	20.72	21.61	1.73	850.0	1.74	1.17	1.19	1.20	1.17
900.0	6.44	6.76	6.81	6.39	0.42	21.49	21.52	21.48	1.84	900.0	1.64	1.17	1.19	1.20	1.16
925.0	6.42	6.74	6.79	6.37	0.43	21.32	21.88	21.29	1.91	925.0	1.59	1.17	1.19	1.20	1.16
950.0	6.41	6.73	6.78	6.35	0.43	21.10	22.20	21.04	1.98	950.0	1.56	1.16	1.19	1.20	1.15
960.0	6.41	6.73	6.78	6.35	0.43	21.00	22.32	20.94	2.01	960.0	1.54	1.16	1.19	1.20	1.15
970.0	6.40	6.72	6.78	6.34	0.43	20.90	22.42	20.83	2.04	970.0	1.53	1.16	1.19	1.20	1.15
980.0	6.40	6.72	6.77	6.34	0.43	20.79	22.50	20.71	2.06	980.0	1.52	1.16	1.19	1.20	1.15
990.0	6.39	6.72	6.77	6.34	0.44	20.67	22.58	20.60	2.09	990.0	1.51	1.16	1.19	1.20	1.15
1000.0	6.39	6.72	6.77	6.33	0.44	20.55	22.65	20.47	2.12	1000.0	1.50	1.16	1.19	1.20	1.15
1100.0	6.42	6.75	6.81	6.35	0.46	19.47	22.89	19.35	2.38	1100.0	1.48	1.14	1.19	1.20	1.13
1300.0	6.61	6.95	7.01	6.52	0.49	18.56	21.98	18.37	3.02	1300.0	1.63	1.12	1.19	1.20	1.12
1500.0	6.83	7.11	7.15	6.71	0.44	19.75	21.61	19.46	3.63	1500.0	1.73	1.12	1.16	1.16	1.13
1700.0	6.93	7.07	7.11	6.79	0.31	23.69	22.71	23.20	3.80	1700.0	1.61	1.12	1.11	1.09	1.16
1725.0	6.93	7.06	7.09	6.79	0.30	24.48	23.00	23.95	3.78	1725.0	1.58	1.12	1.10	1.08	1.17
1750.0	6.94	7.04	7.07	6.80	0.28	25.34	23.31	24.76	3.75	1750.0	1.55	1.12	1.09	1.07	1.17
1800.0	6.95	7.00	7.04	6.80	0.24	27.20	24.05	26.51	3.69	1800.0	1.48	1.13	1.08	1.05	1.18
1850.0	6.94	6.96	7.00	6.79	0.21	29.04	25.02	28.29	3.58	1850.0	1.40	1.14	1.07	1.04	1.19
1900.0	6.95	6.93	6.97	6.79	0.18	29.61	26.11	29.04	3.45	1900.0	1.32	1.15	1.06	1.03	1.21
1950.0	6.96	6.90	6.93	6.78	0.17	28.50	27.40	28.25	3.29	1950.0	1.24	1.17	1.07	1.05	1.22
2000.0	6.98	6.88	6.92	6.79	0.19	26.39	28.61	26.32	3.12	2000.0	1.18	1.19	1.08	1.07	1.24
2010.0	6.99	6.88	6.92	6.80	0.19	25.97	28.83	25.91	3.09	2010.0	1.17	1.19	1.08	1.08	1.25
2020.0	6.99	6.88	6.92	6.80	0.20	25.55	29.04	25.50	3.05	2020.0	1.16	1.20	1.08	1.08	1.25
2030.0	7.00	6.88	6.92	6.80	0.20	25.14	29.23	25.10	2.99	2030.0	1.16	1.20	1.09	1.09	1.25
2040.0	7.01	6.88	6.92	6.80	0.20	24.74	29.39	24.71	2.94	2040.0	1.16	1.21	1.09	1.10	1.26
2050.0	7.02	6.88	6.92	6.81	0.21	24.36	29.53	24.34	2.90	2050.0	1.16	1.22	1.10	1.10	1.26
2060.0	7.02	6.88	6.93	6.81	0.21	23.99	29.61	23.97	2.87	2060.0	1.16	1.22	1.10	1.11	1.27
2080.0	7.05	6.89	6.94	6.83	0.22	23.28	29.64	23.25	2.76	2080.0	1.17	1.24	1.11	1.12	1.28
2100.0	7.07	6.90	6.95	6.84	0.23	22.61	29.45	22.56	2.67	2100.0	1.19	1.25	1.12	1.13	1.29
2200.0	7.25	7.02	7.07	6.96	0.29	19.97	26.79	19.85	2.10	2200.0	1.39	1.34	1.19	1.21	1.37
2300.0	7.52	7.25	7.28	7.15	0.37	18.28	23.58	18.06	1.42	2300.0	1.66	1.48	1.29	1.32	1.49
2500.0	8.32	8.03	7.98	7.65	0.67	17.29	18.73	16.56	1.41	2500.0	2.39	1.98	1.67	1.67	1.93

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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