

4 Way-0° Power Splitter/Combiner

JEPS-4-ED12484/1

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
700.0	6.40	6.64	6.76	6.62	0.36	20.38	19.91	20.85	2.46	700.0	1.75	1.22	1.28	1.30	1.23
750.0	6.33	6.56	6.68	6.54	0.35	21.45	20.95	22.02	2.65	750.0	1.61	1.18	1.25	1.26	1.19
800.0	6.28	6.50	6.62	6.49	0.35	22.21	22.01	22.90	2.85	800.0	1.50	1.16	1.22	1.23	1.16
850.0	6.25	6.47	6.59	6.47	0.34	22.43	22.94	23.21	2.98	850.0	1.42	1.14	1.19	1.21	1.14
900.0	6.25	6.47	6.59	6.46	0.33	22.17	23.66	22.97	3.17	900.0	1.38	1.13	1.17	1.19	1.13
950.0	6.28	6.48	6.60	6.49	0.32	21.57	24.07	22.34	3.36	950.0	1.38	1.12	1.16	1.18	1.12
1000.0	6.33	6.52	6.64	6.53	0.31	20.82	24.14	21.55	3.54	1000.0	1.43	1.12	1.16	1.17	1.12
1050.0	6.39	6.57	6.69	6.59	0.30	20.11	23.93	20.80	3.74	1050.0	1.49	1.12	1.15	1.17	1.12
1100.0	6.47	6.63	6.75	6.66	0.28	19.45	23.58	20.12	3.93	1100.0	1.57	1.12	1.15	1.16	1.12
1150.0	6.54	6.69	6.81	6.74	0.27	18.97	23.28	19.62	4.12	1150.0	1.65	1.12	1.15	1.17	1.12
1200.0	6.63	6.76	6.88	6.82	0.25	18.57	22.94	19.21	4.30	1200.0	1.73	1.12	1.15	1.16	1.12
1250.0	6.70	6.82	6.94	6.89	0.23	18.33	22.70	18.98	4.49	1250.0	1.79	1.11	1.15	1.16	1.13
1300.0	6.78	6.87	6.99	6.96	0.22	18.17	22.53	18.82	4.64	1300.0	1.85	1.11	1.15	1.16	1.13
1350.0	6.84	6.91	7.04	7.03	0.20	18.15	22.51	18.83	4.80	1350.0	1.88	1.11	1.15	1.16	1.13
1400.0	6.89	6.95	7.07	7.08	0.19	18.24	22.54	18.94	4.95	1400.0	1.91	1.10	1.15	1.15	1.13
1450.0	6.94	6.97	7.09	7.12	0.19	18.44	22.68	19.18	5.11	1450.0	1.91	1.10	1.15	1.15	1.13
1500.0	6.96	6.97	7.10	7.15	0.19	18.78	22.99	19.55	5.23	1500.0	1.89	1.10	1.14	1.14	1.12
1550.0	6.98	6.97	7.10	7.18	0.20	19.20	23.36	20.02	5.38	1550.0	1.87	1.10	1.13	1.13	1.12
1600.0	6.98	6.95	7.09	7.19	0.23	19.80	23.89	20.68	5.48	1600.0	1.82	1.10	1.12	1.12	1.12
1650.0	6.98	6.93	7.07	7.19	0.26	20.51	24.54	21.47	5.58	1650.0	1.76	1.10	1.12	1.11	1.11
1700.0	6.97	6.90	7.04	7.19	0.28	21.45	25.43	22.51	5.64	1700.0	1.69	1.10	1.11	1.10	1.11
1750.0	6.96	6.88	7.02	7.18	0.31	22.55	26.45	23.74	5.72	1750.0	1.62	1.10	1.10	1.09	1.10
1800.0	6.94	6.84	6.99	7.18	0.33	23.98	27.78	25.38	5.74	1800.0	1.54	1.10	1.09	1.08	1.10
1850.0	6.92	6.81	6.97	7.16	0.35	25.73	29.40	27.43	5.77	1850.0	1.47	1.11	1.08	1.07	1.10
1900.0	6.90	6.78	6.95	7.16	0.38	28.12	31.70	30.44	5.80	1900.0	1.38	1.11	1.07	1.06	1.10
1950.0	6.89	6.76	6.93	7.16	0.40	31.22	34.59	34.63	5.82	1950.0	1.31	1.11	1.07	1.05	1.09
2000.0	6.88	6.75	6.93	7.17	0.42	35.39	38.03	41.98	5.82	2000.0	1.24	1.12	1.06	1.05	1.10
2050.0	6.89	6.74	6.93	7.18	0.44	37.51	39.56	38.90	5.83	2050.0	1.17	1.12	1.06	1.04	1.10
2100.0	6.90	6.75	6.95	7.21	0.46	33.49	35.91	32.87	5.83	2100.0	1.12	1.13	1.06	1.04	1.11
2150.0	6.93	6.77	6.97	7.24	0.48	29.79	32.42	29.15	5.84	2150.0	1.09	1.14	1.06	1.05	1.12
2200.0	6.96	6.79	7.01	7.29	0.50	27.04	29.65	26.68	5.79	2200.0	1.10	1.15	1.08	1.05	1.13
2250.0	7.00	6.82	7.06	7.35	0.52	25.01	27.50	24.82	5.74	2250.0	1.14	1.16	1.09	1.07	1.16
2300.0	7.05	6.87	7.11	7.42	0.54	23.44	25.76	23.44	5.64	2300.0	1.18	1.19	1.12	1.09	1.19
2350.0	7.11	6.92	7.18	7.49	0.57	22.21	24.29	22.35	5.51	2350.0	1.24	1.22	1.15	1.13	1.23
2400.0	7.16	6.98	7.25	7.57	0.59	21.28	23.09	21.61	5.35	2400.0	1.28	1.26	1.20	1.17	1.28
2450.0	7.22	7.06	7.34	7.66	0.60	20.53	21.99	21.05	5.15	2450.0	1.34	1.32	1.26	1.23	1.35
2500.0	7.26	7.13	7.43	7.75	0.62	20.08	21.10	20.85	4.94	2500.0	1.38	1.40	1.33	1.32	1.44
2550.0	7.31	7.22	7.55	7.86	0.64	19.75	20.24	20.83	5.07	2550.0	1.45	1.50	1.43	1.41	1.56
2600.0	7.35	7.32	7.70	7.97	0.65	19.70	19.53	21.25	5.18	2600.0	1.49	1.63	1.54	1.55	1.72
2650.0	7.37	7.45	7.86	8.09	0.72	19.79	18.81	22.01	5.19	2650.0	1.57	1.80	1.71	1.70	1.92
2700.0	7.39	7.59	8.08	8.22	0.83	20.15	18.21	23.42	5.04	2700.0	1.64	2.02	1.89	1.93	2.18

¹Total Loss = Insertion Loss + 6dB Splitter Loss