

5 Way-0° Power Splitter/Combiner

ADP-ED7796/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹					AMP. UNBAL. (dB)	ISOLATION					PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	(dB)						(dB)							(:1)		
	S-1	S-2	S-3	S-4	S-5		1-2	1-3	2-3	3-5	4-5			S	1	3
0.3	7.29	7.27	7.25	7.28	7.26	0.03	44.13	18.36	33.79	17.86	26.91	0.38	0.3	1.16	1.79	1.85
0.4	7.29	7.26	7.26	7.26	7.26	0.03	48.47	19.28	35.41	18.79	28.15	0.33	0.4	1.14	1.67	1.71
0.5	7.27	7.27	7.25	7.25	7.26	0.02	51.75	19.93	36.51	19.45	29.25	0.32	0.5	1.14	1.60	1.63
0.6	7.25	7.25	7.24	7.26	7.26	0.02	53.51	20.46	37.37	19.98	30.26	0.24	0.6	1.13	1.54	1.58
0.7	7.25	7.25	7.25	7.24	7.23	0.02	54.81	20.91	38.15	20.43	31.14	0.18	0.7	1.13	1.50	1.53
0.8	7.24	7.23	7.23	7.22	7.23	0.02	54.51	21.30	38.79	20.82	31.91	0.21	0.8	1.12	1.47	1.50
0.9	7.24	7.22	7.21	7.23	7.23	0.03	53.91	21.66	39.29	21.18	32.58	0.23	0.9	1.12	1.44	1.47
1.0	7.22	7.21	7.23	7.21	7.23	0.02	53.10	21.98	39.65	21.51	33.16	0.22	1.0	1.12	1.42	1.45
2.8	7.18	7.16	7.15	7.16	7.16	0.03	45.24	25.05	43.27	24.73	38.07	0.13	2.8	1.10	1.25	1.26
4.6	7.17	7.15	7.14	7.16	7.14	0.03	44.17	26.12	44.25	25.93	40.51	0.26	4.6	1.09	1.21	1.21
6.4	7.13	7.14	7.14	7.16	7.15	0.03	43.48	26.69	44.52	26.55	41.81	0.24	6.4	1.09	1.19	1.19
8.2	7.16	7.14	7.17	7.16	7.17	0.03	42.90	27.02	44.57	26.94	42.66	0.24	8.2	1.09	1.18	1.18
10.0	7.15	7.17	7.14	7.16	7.17	0.03	42.60	27.25	44.11	27.17	43.01	0.17	10.0	1.08	1.17	1.17
40.0	7.21	7.22	7.22	7.19	7.21	0.03	38.08	27.77	38.44	27.75	37.68	0.85	40.0	1.10	1.14	1.14
70.0	7.28	7.28	7.29	7.29	7.28	0.01	34.66	27.46	34.77	27.36	33.71	1.42	70.0	1.14	1.14	1.13
100.0	7.32	7.32	7.30	7.31	7.32	0.02	32.37	26.97	32.32	26.77	31.14	2.12	100.0	1.18	1.13	1.12
125.0	7.41	7.40	7.40	7.41	7.41	0.02	30.92	26.57	30.86	26.33	29.64	2.27	125.0	1.21	1.12	1.12
150.0	7.46	7.42	7.40	7.41	7.44	0.07	29.80	26.19	29.75	25.89	28.46	2.89	150.0	1.24	1.12	1.11
200.0	7.64	7.59	7.56	7.55	7.59	0.09	28.24	25.57	28.17	25.17	26.79	3.75	200.0	1.28	1.11	1.10
250.0	7.67	7.60	7.54	7.55	7.59	0.12	27.51	25.39	27.46	24.88	25.94	4.46	250.0	1.29	1.10	1.09
300.0	7.86	7.74	7.69	7.69	7.74	0.18	27.29	25.61	27.29	25.03	25.56	5.14	300.0	1.26	1.10	1.09
325.0	7.88	7.73	7.67	7.66	7.72	0.23	27.47	26.06	27.54	25.40	25.60	5.39	325.0	1.22	1.11	1.09
350.0	8.03	7.90	7.80	7.76	7.83	0.28	27.60	26.69	27.74	25.87	25.66	5.57	350.0	1.17	1.11	1.10
375.0	8.14	7.96	7.86	7.80	7.91	0.33	27.70	27.61	27.91	26.65	25.75	5.97	375.0	1.12	1.13	1.11
400.0	8.23	8.03	7.90	7.88	7.97	0.34	27.54	29.08	27.87	27.64	25.67	6.12	400.0	1.09	1.14	1.12

¹ Total Loss = Insertion Loss + 7dB Splitter Loss