

3 Way-0° Power Splitter/Combiner

ADP-ED7781/1

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		1-2	1-3			S	1	2	3
0.7	5.20	5.21	5.21	0.01	34.04	33.02	0.03	0.7	1.13	1.30	1.33	1.31
0.8	5.19	5.19	5.19	0.01	34.91	33.88	0.02	0.8	1.12	1.27	1.30	1.28
0.9	5.17	5.17	5.18	0.01	35.64	34.65	0.01	0.9	1.11	1.25	1.28	1.26
1.0	5.15	5.16	5.17	0.01	36.32	35.31	0.04	1.0	1.10	1.24	1.26	1.25
2.5	5.07	5.08	5.08	0.01	41.23	41.20	0.00	2.5	1.05	1.15	1.16	1.16
4.0	5.05	5.06	5.06	0.01	42.83	44.11	0.04	4.0	1.04	1.13	1.13	1.13
5.5	5.05	5.06	5.06	0.01	43.31	45.59	0.04	5.5	1.04	1.12	1.12	1.12
7.0	5.05	5.06	5.06	0.01	43.56	46.46	0.09	7.0	1.04	1.11	1.12	1.12
8.5	5.05	5.06	5.06	0.01	43.58	46.69	0.04	8.5	1.04	1.11	1.11	1.11
10.0	5.06	5.06	5.06	0.01	43.53	46.58	0.11	10.0	1.04	1.11	1.11	1.11
20.0	5.08	5.08	5.09	0.01	42.24	43.05	0.16	20.0	1.04	1.10	1.10	1.11
40.0	5.11	5.12	5.12	0.00	38.90	37.60	0.35	40.0	1.06	1.10	1.10	1.10
60.0	5.14	5.14	5.15	0.01	36.16	34.33	0.51	60.0	1.08	1.10	1.11	1.11
80.0	5.17	5.17	5.17	0.00	34.11	32.02	0.70	80.0	1.10	1.10	1.11	1.11
100.0	5.21	5.20	5.21	0.00	32.45	30.23	0.89	100.0	1.12	1.11	1.12	1.12
120.0	5.24	5.24	5.23	0.01	31.12	28.79	1.05	120.0	1.14	1.11	1.12	1.12
140.0	5.28	5.27	5.27	0.01	29.99	27.59	1.20	140.0	1.16	1.12	1.13	1.13
160.0	5.32	5.30	5.30	0.02	29.02	26.57	1.40	160.0	1.18	1.12	1.14	1.13
180.0	5.37	5.35	5.34	0.03	28.16	25.68	1.53	180.0	1.20	1.13	1.15	1.14
200.0	5.42	5.40	5.39	0.03	27.39	24.87	1.69	200.0	1.21	1.14	1.16	1.15
220.0	5.47	5.44	5.42	0.05	26.68	24.14	1.84	220.0	1.23	1.15	1.17	1.16
240.0	5.54	5.50	5.48	0.06	25.96	23.43	1.93	240.0	1.25	1.15	1.18	1.17
260.0	5.63	5.57	5.55	0.08	25.24	22.74	2.15	260.0	1.27	1.16	1.19	1.18
280.0	5.71	5.65	5.63	0.09	24.50	22.04	2.25	280.0	1.29	1.18	1.21	1.19
300.0	5.82	5.74	5.71	0.11	23.71	21.33	2.39	300.0	1.31	1.19	1.23	1.21
320.0	5.94	5.84	5.82	0.12	22.86	20.57	2.54	320.0	1.34	1.21	1.25	1.23
340.0	6.11	6.00	5.97	0.14	21.93	19.74	2.56	340.0	1.39	1.23	1.27	1.25

¹ Total Loss = Insertion Loss + 4.8dB Splitter Loss