

2 Way-0° Power Splitter/Combiner

ADP-ED7918/2

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	1	2
0.8	3.10	3.17	0.07	31.60	0.70	0.8	1.07	1.09	1.12
1.0	3.11	3.17	0.06	32.43	0.55	1.0	1.07	1.07	1.10
2.0	3.10	3.16	0.06	34.57	0.37	2.0	1.05	1.05	1.07
3.0	3.09	3.14	0.05	35.62	0.25	3.0	1.05	1.04	1.05
4.0	3.09	3.13	0.04	36.20	0.12	4.0	1.04	1.03	1.04
5.0	3.09	3.13	0.04	36.52	0.12	5.0	1.04	1.02	1.04
11.7	3.09	3.12	0.03	36.45	0.04	11.7	1.04	1.01	1.02
18.3	3.10	3.13	0.04	35.55	0.06	18.3	1.04	1.01	1.02
25.0	3.10	3.15	0.05	34.64	0.03	25.0	1.04	1.01	1.02
31.7	3.11	3.15	0.04	33.83	0.02	31.7	1.04	1.01	1.02
38.3	3.11	3.16	0.04	32.97	0.04	38.3	1.04	1.01	1.02
45.0	3.11	3.16	0.04	32.20	0.03	45.0	1.04	1.02	1.02
51.7	3.12	3.16	0.03	31.51	0.01	51.7	1.04	1.02	1.03
58.3	3.12	3.17	0.04	30.81	0.06	58.3	1.04	1.02	1.03
65.0	3.13	3.17	0.04	30.18	0.02	65.0	1.04	1.02	1.03
84.3	3.14	3.18	0.04	28.52	0.00	84.3	1.04	1.03	1.03
103.6	3.15	3.20	0.05	27.12	0.02	103.6	1.05	1.04	1.04
122.9	3.16	3.20	0.05	25.90	0.08	122.9	1.05	1.04	1.04
142.1	3.18	3.21	0.04	24.79	0.04	142.1	1.06	1.05	1.05
161.4	3.18	3.21	0.04	23.82	0.12	161.4	1.06	1.06	1.05
180.7	3.19	3.23	0.04	22.94	0.13	180.7	1.08	1.06	1.06
200.0	3.21	3.25	0.05	22.09	0.15	200.0	1.09	1.07	1.06
257.1	3.25	3.28	0.03	20.00	0.16	257.1	1.12	1.08	1.07
314.3	3.31	3.33	0.02	18.22	0.21	314.3	1.16	1.10	1.08
371.4	3.38	3.40	0.02	16.66	0.22	371.4	1.21	1.11	1.09
428.6	3.44	3.44	0.01	15.27	0.33	428.6	1.27	1.11	1.09
485.7	3.49	3.50	0.00	13.96	0.30	485.7	1.34	1.12	1.08
542.9	3.61	3.61	0.00	12.73	0.34	542.9	1.43	1.12	1.08
600.0	3.76	3.74	0.02	11.61	0.32	600.0	1.54	1.11	1.08
657.1	3.91	3.89	0.02	10.56	0.37	657.1	1.66	1.12	1.09
714.3	4.13	4.11	0.01	9.60	0.38	714.3	1.83	1.13	1.11
771.4	4.34	4.34	0.01	8.71	0.46	771.4	2.03	1.16	1.16

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2
ADP-ED7918/2
100707
Page 1 of 1