

2 Way-0° Power Splitter/Combiner

ADP-ED7369/1

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	1	2
3.0	3.53	3.51	0.02	17.03	0.03	3.0	2.03	1.53	1.53
4.0	3.53	3.51	0.02	17.62	0.04	4.0	2.03	1.54	1.54
5.0	3.53	3.51	0.02	17.94	0.01	5.0	2.03	1.54	1.54
6.0	3.53	3.51	0.02	18.13	0.04	6.0	2.03	1.55	1.55
7.0	3.53	3.51	0.02	18.26	0.03	7.0	2.02	1.55	1.55
8.0	3.54	3.52	0.02	18.34	0.05	8.0	2.02	1.55	1.55
9.0	3.54	3.51	0.02	18.42	0.04	9.0	2.02	1.55	1.55
10.0	3.53	3.52	0.02	18.44	0.04	10.0	2.02	1.55	1.55
12.0	3.53	3.51	0.02	18.48	0.04	12.0	2.02	1.55	1.55
14.0	3.54	3.52	0.02	18.50	0.03	14.0	2.02	1.55	1.55
16.0	3.53	3.52	0.01	18.49	0.01	16.0	2.01	1.55	1.55
18.0	3.53	3.52	0.01	18.50	0.08	18.0	2.01	1.55	1.55
20.0	3.53	3.52	0.01	18.46	0.12	20.0	2.01	1.56	1.56
40.0	3.54	3.52	0.01	18.47	0.05	40.0	1.99	1.57	1.57
60.0	3.55	3.53	0.02	18.50	0.18	60.0	1.97	1.58	1.58
80.0	3.55	3.54	0.01	18.54	0.18	80.0	1.98	1.58	1.58
100.0	3.55	3.53	0.02	18.56	0.11	100.0	2.00	1.56	1.56
200.0	3.58	3.57	0.01	18.63	0.38	200.0	1.97	1.59	1.59
400.0	3.61	3.63	0.01	18.67	0.66	400.0	1.97	1.60	1.60
600.0	3.64	3.66	0.02	18.54	0.92	600.0	1.99	1.60	1.61
800.0	3.67	3.72	0.05	18.32	1.11	800.0	2.00	1.61	1.62
1000.0	3.70	3.75	0.05	18.07	1.13	1000.0	1.99	1.62	1.63
1200.0	3.74	3.81	0.07	17.94	1.07	1200.0	1.94	1.61	1.62
1400.0	3.82	3.87	0.05	17.99	0.75	1400.0	1.88	1.58	1.59
1600.0	3.86	3.87	0.01	18.28	0.72	1600.0	1.78	1.55	1.57
1800.0	3.88	3.85	0.03	18.90	0.61	1800.0	1.65	1.49	1.52
2000.0	3.85	3.79	0.06	19.74	0.43	2000.0	1.48	1.42	1.46
2050.0	3.86	3.81	0.05	19.96	0.41	2050.0	1.44	1.39	1.44
2100.0	3.87	3.83	0.05	20.01	0.25	2100.0	1.40	1.37	1.42
2150.0	3.87	3.82	0.05	19.95	0.03	2150.0	1.36	1.34	1.40
2200.0	3.89	3.83	0.06	19.65	0.16	2200.0	1.33	1.31	1.37
2250.0	3.92	3.85	0.07	19.23	0.36	2250.0	1.32	1.29	1.35
2300.0	3.96	3.88	0.09	18.63	0.64	2300.0	1.32	1.26	1.32
2350.0	4.02	3.93	0.09	17.82	0.81	2350.0	1.36	1.24	1.30
2400.0	4.09	3.99	0.10	16.86	1.14	2400.0	1.41	1.22	1.28

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2
ADP-ED7369/1
100707
Page 1 of 1