

2 Way-0° Power Splitter/Combiner

ADP-ED7971

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
100.0	3.39	3.40	0.01	16.63	0.06	100.0	1.99	1.47	1.49
150.0	3.43	3.43	0.01	16.78	0.08	150.0	1.98	1.49	1.51
200.0	3.40	3.41	0.01	16.97	0.03	200.0	1.99	1.51	1.51
250.0	3.40	3.41	0.01	17.30	0.10	250.0	2.00	1.53	1.53
300.0	3.43	3.45	0.01	17.52	0.02	300.0	2.01	1.54	1.54
350.0	3.42	3.43	0.01	17.99	0.16	350.0	2.03	1.56	1.55
400.0	3.43	3.44	0.01	18.34	0.05	400.0	2.00	1.58	1.57
450.0	3.46	3.47	0.02	18.79	0.18	450.0	2.03	1.58	1.58
500.0	3.43	3.44	0.01	19.32	0.14	500.0	2.01	1.61	1.60
550.0	3.43	3.45	0.02	19.85	0.21	550.0	2.01	1.60	1.59
600.0	3.48	3.50	0.02	20.45	0.17	600.0	2.03	1.60	1.60
650.0	3.46	3.49	0.03	21.02	0.15	650.0	2.00	1.61	1.61
700.0	3.46	3.50	0.03	21.69	0.13	700.0	2.03	1.60	1.60
750.0	3.56	3.60	0.04	22.25	0.09	750.0	1.97	1.64	1.62
800.0	3.47	3.51	0.04	22.97	0.17	800.0	1.97	1.62	1.62
850.0	3.50	3.55	0.05	23.56	0.14	850.0	1.93	1.65	1.63
900.0	3.54	3.59	0.05	24.17	0.13	900.0	1.89	1.64	1.62
950.0	3.45	3.50	0.04	24.68	0.03	950.0	1.89	1.65	1.62
1000.0	3.49	3.55	0.06	25.18	0.03	1000.0	1.81	1.68	1.64
1050.0	3.46	3.51	0.05	25.49	0.11	1050.0	1.80	1.67	1.63
1100.0	3.45	3.51	0.06	25.87	0.13	1100.0	1.72	1.73	1.67
1150.0	3.42	3.48	0.06	26.11	0.13	1150.0	1.67	1.72	1.66
1200.0	3.48	3.55	0.07	26.35	0.14	1200.0	1.63	1.75	1.68
1250.0	3.36	3.43	0.07	26.59	0.28	1250.0	1.56	1.75	1.70
1300.0	3.44	3.52	0.07	26.91	0.36	1300.0	1.56	1.72	1.68
1350.0	3.39	3.46	0.07	27.10	0.42	1350.0	1.49	1.76	1.71
1400.0	3.41	3.47	0.07	27.45	0.50	1400.0	1.49	1.70	1.68
1450.0	3.43	3.50	0.06	27.78	0.56	1450.0	1.44	1.74	1.69
1500.0	3.46	3.53	0.07	28.01	0.73	1500.0	1.39	1.71	1.68
1600.0	3.49	3.54	0.05	27.74	0.83	1600.0	1.33	1.72	1.66
1700.0	3.48	3.54	0.06	25.97	0.91	1700.0	1.32	1.70	1.65
1800.0	3.47	3.54	0.06	23.24	1.19	1800.0	1.32	1.68	1.61
1900.0	3.51	3.56	0.05	20.53	1.52	1900.0	1.28	1.62	1.55
2000.0	3.57	3.61	0.03	18.09	1.76	2000.0	1.25	1.56	1.50

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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