

2 Way-0° Power Splitter/Combiner

ADP-ED7949

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
1.0	3.32	3.34	0.01	15.17	0.03	1.0	1.15	1.59	1.58
2.0	3.29	3.29	0.01	17.36	0.05	2.0	1.11	1.42	1.42
3.0	3.26	3.26	0.01	18.95	0.05	3.0	1.10	1.33	1.33
4.0	3.23	3.24	0.01	20.21	0.09	4.0	1.08	1.28	1.28
5.0	3.23	3.24	0.01	21.20	0.03	5.0	1.08	1.24	1.24
14.0	3.21	3.21	0.00	24.46	0.01	14.0	1.06	1.15	1.15
23.0	3.20	3.21	0.01	24.61	0.06	23.0	1.06	1.15	1.14
32.0	3.21	3.21	0.00	24.23	0.07	32.0	1.06	1.15	1.15
41.0	3.22	3.21	0.00	23.86	0.16	41.0	1.06	1.16	1.16
50.0	3.22	3.22	0.01	23.55	0.12	50.0	1.06	1.16	1.16
140.0	3.25	3.26	0.00	22.59	0.38	140.0	1.06	1.19	1.18
230.0	3.28	3.28	0.00	22.63	0.64	230.0	1.07	1.20	1.18
320.0	3.31	3.33	0.02	22.95	0.87	320.0	1.07	1.20	1.17
410.0	3.35	3.36	0.01	23.35	1.06	410.0	1.07	1.19	1.15
500.0	3.38	3.40	0.02	23.72	1.27	500.0	1.06	1.19	1.14
625.0	3.41	3.46	0.05	23.96	1.61	625.0	1.04	1.18	1.11
750.0	3.47	3.52	0.05	23.86	1.85	750.0	1.02	1.16	1.07
875.0	3.55	3.60	0.06	23.54	2.10	875.0	1.05	1.14	1.04
1000.0	3.66	3.72	0.06	23.25	2.21	1000.0	1.11	1.12	1.04
1080.0	3.72	3.79	0.07	23.18	2.15	1080.0	1.14	1.10	1.05
1160.0	3.82	3.89	0.07	23.34	2.37	1160.0	1.18	1.08	1.06
1240.0	3.92	3.97	0.05	23.77	2.32	1240.0	1.20	1.07	1.08

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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