

2 Way-0° Power Splitter/Combiner

TRPS-ED12747/2

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
0.1	5.08	4.24	0.84	13.54	2.17	0.1	2.44	4.50	3.54
0.1	4.55	3.81	0.74	14.00	2.68	0.1	2.09	3.58	2.89
0.1	4.23	3.57	0.66	14.61	3.05	0.1	1.88	3.03	2.51
0.1	4.00	3.45	0.55	15.28	3.11	0.1	1.73	2.67	2.25
0.1	3.86	3.35	0.51	15.96	3.01	0.1	1.62	2.41	2.06
0.1	3.74	3.30	0.44	16.65	3.05	0.1	1.54	2.21	1.92
0.1	3.66	3.28	0.38	17.32	2.90	0.1	1.48	2.06	1.81
0.1	3.60	3.26	0.34	17.96	2.74	0.1	1.43	1.94	1.72
0.2	3.43	3.24	0.19	22.77	1.75	0.2	1.23	1.44	1.35
0.3	3.39	3.23	0.15	25.59	1.21	0.3	1.16	1.30	1.24
0.4	3.35	3.21	0.14	27.45	0.93	0.4	1.14	1.24	1.19
0.5	3.33	3.20	0.13	28.83	0.88	0.5	1.12	1.20	1.16
0.6	3.33	3.19	0.14	29.89	0.73	0.6	1.11	1.18	1.14
0.7	3.32	3.18	0.13	30.72	0.62	0.7	1.10	1.16	1.12
0.8	3.31	3.18	0.13	31.43	0.59	0.8	1.10	1.15	1.11
0.9	3.30	3.18	0.12	32.06	0.53	0.9	1.09	1.14	1.10
1.0	3.29	3.17	0.13	32.60	0.54	1.0	1.09	1.13	1.10
5.0	3.17	3.09	0.07	43.80	0.21	5.0	1.05	1.04	1.03
10.0	3.15	3.09	0.06	50.83	0.08	10.0	1.04	1.02	1.02
20.0	3.16	3.10	0.07	46.70	0.07	20.0	1.04	1.01	1.02
40.0	3.19	3.13	0.06	39.49	0.02	40.0	1.03	1.01	1.02
60.0	3.19	3.13	0.06	36.14	0.08	60.0	1.03	1.02	1.03
80.0	3.20	3.14	0.07	33.75	0.15	80.0	1.03	1.03	1.04
100.0	3.21	3.14	0.06	31.91	0.08	100.0	1.02	1.03	1.04
120.0	3.23	3.17	0.06	30.44	0.22	120.0	1.02	1.04	1.05
140.0	3.22	3.16	0.06	29.14	0.28	140.0	1.01	1.05	1.06
160.0	3.23	3.16	0.07	28.06	0.35	160.0	1.01	1.06	1.07
180.0	3.24	3.17	0.07	27.06	0.31	180.0	1.01	1.07	1.08
200.0	3.23	3.17	0.06	26.19	0.36	200.0	1.01	1.08	1.09
250.0	3.25	3.18	0.07	24.28	0.44	250.0	1.02	1.11	1.12
300.0	3.27	3.19	0.08	22.67	0.42	300.0	1.03	1.13	1.14
350.0	3.27	3.20	0.07	21.24	0.53	350.0	1.05	1.17	1.18
400.0	3.31	3.22	0.08	19.96	0.47	400.0	1.07	1.19	1.21
450.0	3.31	3.24	0.07	18.75	0.50	450.0	1.10	1.24	1.24
500.0	3.35	3.28	0.08	17.59	0.45	500.0	1.12	1.27	1.27
550.0	3.39	3.30	0.09	16.51	0.52	550.0	1.16	1.31	1.31
600.0	3.43	3.32	0.11	15.48	0.31	600.0	1.20	1.34	1.33
650.0	3.52	3.41	0.11	14.52	0.39	650.0	1.24	1.37	1.36
700.0	3.60	3.47	0.12	13.55	0.20	700.0	1.28	1.39	1.37
800.0	3.93	3.73	0.20	11.69	0.16	800.0	1.39	1.42	1.38
900.0	4.54	4.22	0.32	9.87	0.77	900.0	1.57	1.39	1.31

¹ Total Loss = Insertion Loss + 3dB Splitter Loss