

2 Way-0° Power Splitter/Combiner

TCP-ED9907/1

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
5.0	3.04	3.05	0.00	9.92	0.01	5.0	1.09	1.38	1.38
10.0	3.04	3.05	0.01	12.56	0.04	10.0	1.10	1.36	1.36
25.0	3.03	3.04	0.01	14.45	0.23	25.0	1.10	1.35	1.35
50.0	3.05	3.04	0.00	14.33	0.37	50.0	1.10	1.32	1.32
75.0	3.04	3.04	0.00	14.02	0.56	75.0	1.10	1.30	1.30
100.0	3.06	3.05	0.01	13.81	0.73	100.0	1.10	1.29	1.29
150.0	3.09	3.07	0.03	13.65	1.14	150.0	1.11	1.29	1.28
200.0	3.09	3.03	0.06	13.64	1.51	200.0	1.11	1.29	1.29
250.0	3.14	3.06	0.08	13.71	1.75	250.0	1.12	1.29	1.29
300.0	3.19	3.08	0.10	13.88	2.18	300.0	1.13	1.30	1.30
350.0	3.19	3.04	0.14	14.00	2.61	350.0	1.14	1.32	1.32
400.0	3.29	3.10	0.19	14.22	2.82	400.0	1.15	1.33	1.34
600.0	3.56	3.13	0.43	15.43	3.84	600.0	1.22	1.40	1.41
800.0	3.79	3.06	0.72	16.73	4.34	800.0	1.30	1.50	1.53
1000.0	4.12	3.09	1.03	18.31	4.41	1000.0	1.40	1.60	1.67
1200.0	4.44	3.12	1.31	20.40	3.67	1200.0	1.50	1.71	1.82
1400.0	4.57	3.03	1.54	23.22	2.02	1400.0	1.61	1.81	1.99
1600.0	4.83	3.17	1.66	26.67	0.53	1600.0	1.72	1.93	2.16
1800.0	4.77	3.05	1.72	29.89	1.42	1800.0	1.82	2.02	2.34
2000.0	4.82	3.16	1.67	28.49	3.06	2000.0	1.89	2.12	2.53
2200.0	4.90	3.35	1.54	24.40	4.23	2200.0	1.92	2.21	2.73
2400.0	4.97	3.64	1.33	20.79	5.69	2400.0	1.91	2.30	2.98
2600.0	4.71	3.69	1.02	18.76	6.99	2600.0	1.84	2.43	3.29
2800.0	4.82	4.21	0.61	15.73	5.52	2800.0	1.73	2.56	3.68
3000.0	4.83	4.77	0.06	13.14	4.49	3000.0	1.58	2.72	4.12
3075.0	4.69	4.85	0.16	13.12	3.21	3075.0	1.52	2.78	4.34
3150.0	4.91	5.31	0.41	11.79	2.57	3150.0	1.46	2.82	4.52
3225.0	4.89	5.56	0.67	11.00	0.07	3225.0	1.39	2.85	4.65
3300.0	5.01	5.79	0.77	10.37	3.63	3300.0	1.34	2.88	4.67

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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