

2 Way-0° Power Splitter/Combiner

TCP-ED8261/1

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
0.5	3.18	3.83	0.65	20.10	3.14	0.5	1.26	2.05	1.50
0.7	3.17	3.76	0.59	20.92	2.98	0.7	1.22	1.93	1.45
0.8	3.17	3.70	0.54	21.61	2.82	0.8	1.20	1.85	1.41
0.9	3.16	3.66	0.50	22.21	2.64	0.9	1.18	1.78	1.38
1.0	3.15	3.61	0.47	22.75	2.53	1.0	1.16	1.72	1.36
2.0	3.12	3.45	0.33	26.02	1.82	2.0	1.10	1.47	1.25
3.0	3.11	3.38	0.27	27.99	1.43	3.0	1.07	1.37	1.21
4.0	3.11	3.35	0.24	29.29	1.19	4.0	1.06	1.32	1.18
5.0	3.10	3.33	0.23	30.15	0.98	5.0	1.05	1.28	1.17
6.0	3.11	3.31	0.21	30.88	0.89	6.0	1.05	1.25	1.16
7.0	3.10	3.30	0.20	31.40	0.82	7.0	1.04	1.23	1.15
8.0	3.11	3.30	0.19	31.75	0.76	8.0	1.04	1.22	1.15
9.0	3.11	3.29	0.19	32.04	0.70	9.0	1.04	1.21	1.15
10.0	3.10	3.29	0.19	32.26	0.60	10.0	1.04	1.20	1.14
100.0	3.16	3.30	0.14	30.00	0.15	100.0	1.06	1.10	1.12
190.0	3.20	3.34	0.14	27.03	0.45	190.0	1.09	1.09	1.12
280.0	3.22	3.35	0.13	24.85	0.69	280.0	1.12	1.09	1.11
370.0	3.26	3.40	0.13	23.32	0.88	370.0	1.14	1.08	1.10
460.0	3.32	3.43	0.12	22.25	1.06	460.0	1.15	1.07	1.08
550.0	3.36	3.46	0.10	21.58	1.23	550.0	1.15	1.05	1.06
640.0	3.40	3.48	0.08	21.28	1.38	640.0	1.13	1.03	1.03
730.0	3.43	3.49	0.06	21.37	1.41	730.0	1.11	1.04	1.02
820.0	3.46	3.49	0.03	21.88	1.54	820.0	1.08	1.07	1.04
910.0	3.54	3.55	0.01	23.06	1.63	910.0	1.05	1.11	1.08
1000.0	3.66	3.65	0.01	25.28	1.74	1000.0	1.07	1.17	1.14
1050.0	3.80	3.77	0.03	27.34	1.99	1050.0	1.11	1.21	1.18
1100.0	3.78	3.75	0.03	30.39	1.91	1100.0	1.17	1.25	1.23
1150.0	4.02	3.95	0.07	36.20	2.06	1150.0	1.23	1.30	1.28
1200.0	3.99	3.95	0.03	42.72	2.20	1200.0	1.29	1.35	1.33
1250.0	4.28	4.20	0.08	32.88	2.38	1250.0	1.37	1.40	1.38
1300.0	4.37	4.34	0.03	27.19	2.47	1300.0	1.46	1.47	1.44
1350.0	4.60	4.54	0.07	23.75	2.77	1350.0	1.55	1.54	1.50
1400.0	4.82	4.83	0.01	21.03	2.98	1400.0	1.65	1.62	1.57

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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