

2 Way-0° Power Splitter/Combiner

TCP-ED10349/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
1.0	3.52	3.54	0.02	11.97	0.10	1.0	2.00	1.65	1.66
20.0	3.53	3.57	0.04	33.89	0.01	20.0	1.99	1.98	1.99
90.0	3.55	3.58	0.03	33.59	0.02	90.0	1.98	1.92	1.93
160.0	3.56	3.57	0.01	32.12	0.04	160.0	1.97	1.90	1.91
230.0	3.59	3.60	0.01	32.10	0.08	230.0	1.95	1.90	1.90
300.0	3.61	3.63	0.02	32.61	0.22	300.0	1.94	1.89	1.90
380.0	3.60	3.63	0.03	33.59	0.33	380.0	1.93	1.89	1.91
460.0	3.57	3.60	0.03	34.92	0.48	460.0	1.91	1.89	1.92
540.0	3.54	3.59	0.05	36.83	0.54	540.0	1.90	1.90	1.94
620.0	3.52	3.58	0.07	39.14	0.62	620.0	1.88	1.90	1.95
700.0	3.56	3.64	0.09	41.15	0.66	700.0	1.86	1.90	1.96
780.0	3.61	3.72	0.11	40.63	0.74	780.0	1.84	1.91	1.98
860.0	3.55	3.67	0.12	37.65	0.80	860.0	1.82	1.92	2.00
940.0	3.42	3.55	0.13	34.41	0.84	940.0	1.80	1.93	2.01
1020.0	3.46	3.62	0.16	31.82	0.86	1020.0	1.78	1.93	2.03
1045.0	3.47	3.62	0.15	31.11	0.90	1045.0	1.77	1.94	2.03
1047.0	3.47	3.64	0.17	31.07	0.91	1047.0	1.77	1.94	2.03
1049.0	3.48	3.64	0.17	31.00	0.89	1049.0	1.77	1.94	2.03
1051.0	3.49	3.66	0.17	30.97	0.92	1051.0	1.77	1.94	2.04
1053.0	3.51	3.67	0.16	30.92	0.92	1053.0	1.77	1.94	2.04
1055.0	3.51	3.68	0.17	30.90	0.91	1055.0	1.77	1.94	2.04
1150.0	3.52	3.71	0.19	28.50	1.01	1150.0	1.74	1.95	2.05
1245.0	3.55	3.77	0.21	26.51	1.02	1245.0	1.71	1.96	2.07
1340.0	3.55	3.79	0.23	24.79	1.05	1340.0	1.67	1.97	2.09
1435.0	3.54	3.79	0.25	23.29	1.13	1435.0	1.63	1.98	2.11
1530.0	3.55	3.83	0.28	21.98	1.26	1530.0	1.59	1.99	2.12
1625.0	3.61	3.90	0.29	20.84	1.41	1625.0	1.55	2.00	2.14
1720.0	3.71	4.02	0.31	19.88	1.57	1720.0	1.49	2.01	2.14
1815.0	3.77	4.10	0.33	18.97	1.74	1815.0	1.44	2.01	2.15
1910.0	3.74	4.09	0.35	18.06	1.85	1910.0	1.39	2.01	2.15
2005.0	3.64	3.98	0.34	17.14	1.98	2005.0	1.33	2.00	2.15
2105.0	3.51	3.84	0.34	16.22	2.22	2105.0	1.27	2.00	2.15
2205.0	3.42	3.76	0.33	15.39	2.48	2205.0	1.21	2.00	2.15
2305.0	3.44	3.79	0.35	14.72	2.88	2305.0	1.16	1.99	2.15
2405.0	3.52	3.87	0.35	14.14	3.07	2405.0	1.12	1.98	2.15
2505.0	3.56	3.90	0.34	13.57	3.34	2505.0	1.10	1.97	2.15
2605.0	3.57	3.89	0.32	12.97	3.82	2605.0	1.13	1.97	2.15
2705.0	3.57	3.89	0.32	12.38	4.44	2705.0	1.17	1.97	2.15
2805.0	3.68	4.03	0.35	11.93	5.00	2805.0	1.23	1.97	2.16
2905.0	3.83	4.19	0.36	11.53	5.51	2905.0	1.29	1.97	2.17
3005.0	3.94	4.29	0.35	11.08	6.08	3005.0	1.37	1.98	2.17

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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