

2 Way-0° Power Splitter/Combiner

TSC-2-1+

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
1.0	3.20	3.19	0.01	37.25	0.03	1.0	1.10	1.17	1.17
2.0	3.18	3.18	0.00	40.03	0.01	2.0	1.10	1.14	1.15
3.0	3.17	3.17	0.01	41.11	0.04	3.0	1.10	1.14	1.14
4.0	3.17	3.16	0.01	41.55	0.00	4.0	1.10	1.13	1.13
5.0	3.17	3.16	0.01	41.78	0.05	5.0	1.10	1.13	1.13
6.0	3.17	3.17	0.01	41.85	0.03	6.0	1.11	1.13	1.13
7.0	3.18	3.17	0.00	41.89	0.07	7.0	1.11	1.12	1.12
8.0	3.18	3.18	0.00	41.83	0.02	8.0	1.11	1.12	1.12
9.0	3.18	3.17	0.01	41.84	0.02	9.0	1.11	1.12	1.12
10.0	3.18	3.17	0.01	41.78	0.06	10.0	1.11	1.12	1.12
20.0	3.18	3.18	0.00	40.78	0.09	20.0	1.11	1.12	1.12
30.0	3.19	3.18	0.01	39.53	0.16	30.0	1.11	1.11	1.11
40.0	3.19	3.18	0.01	38.23	0.23	40.0	1.12	1.11	1.11
50.0	3.21	3.20	0.01	37.05	0.28	50.0	1.12	1.11	1.11
60.0	3.22	3.21	0.01	35.98	0.37	60.0	1.12	1.11	1.11
70.0	3.24	3.23	0.02	35.03	0.39	70.0	1.12	1.11	1.11
80.0	3.26	3.23	0.03	34.12	0.45	80.0	1.12	1.11	1.11
90.0	3.26	3.24	0.02	33.33	0.53	90.0	1.12	1.11	1.11
100.0	3.26	3.24	0.03	32.63	0.58	100.0	1.13	1.11	1.11
110.0	3.26	3.24	0.03	31.95	0.66	110.0	1.13	1.11	1.10
120.0	3.27	3.24	0.03	31.34	0.70	120.0	1.13	1.11	1.10
130.0	3.28	3.23	0.05	30.77	0.75	130.0	1.13	1.11	1.10
140.0	3.29	3.25	0.04	30.29	0.81	140.0	1.13	1.11	1.10
150.0	3.32	3.27	0.05	29.81	0.84	150.0	1.13	1.11	1.10
160.0	3.34	3.27	0.06	29.35	0.93	160.0	1.13	1.11	1.10
170.0	3.35	3.27	0.08	28.92	0.95	170.0	1.13	1.11	1.10
180.0	3.35	3.27	0.08	28.52	1.01	180.0	1.13	1.11	1.10
190.0	3.36	3.27	0.09	28.13	1.05	190.0	1.13	1.11	1.10
200.0	3.36	3.27	0.09	27.76	1.07	200.0	1.13	1.11	1.09
210.0	3.36	3.26	0.10	27.42	1.16	210.0	1.13	1.11	1.09
220.0	3.35	3.24	0.11	27.11	1.20	220.0	1.13	1.11	1.09
230.0	3.38	3.25	0.13	26.85	1.24	230.0	1.13	1.11	1.09
240.0	3.42	3.28	0.14	26.60	1.26	240.0	1.13	1.12	1.09
260.0	3.46	3.30	0.16	26.08	1.37	260.0	1.13	1.12	1.09
280.0	3.46	3.28	0.18	25.57	1.45	280.0	1.13	1.12	1.10
300.0	3.48	3.29	0.20	25.13	1.45	300.0	1.13	1.13	1.10
320.0	3.48	3.24	0.24	24.76	1.45	320.0	1.13	1.14	1.10
340.0	3.59	3.32	0.27	24.53	1.59	340.0	1.13	1.14	1.10
360.0	3.59	3.31	0.28	24.17	1.63	360.0	1.13	1.15	1.11
380.0	3.63	3.31	0.31	23.88	1.63	380.0	1.13	1.16	1.12
400.0	3.64	3.28	0.36	23.60	1.53	400.0	1.12	1.17	1.12

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

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