

2 Way-0° Power Splitter/Combiner

TCP-2-23-75X+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	RETURN LOSS (dB)		
	S-1	S-2					S	1	2
1	4.16	4.17	0.01	19.32	0.06	1	16.30	9.84	9.85
3	3.72	3.73	0.00	23.76	0.01	3	22.22	13.99	13.99
5	3.59	3.59	0.00	26.40	0.01	5	25.39	16.37	16.39
7	3.53	3.54	0.00	28.24	0.03	7	27.56	17.95	17.98
10	3.50	3.50	0.00	29.98	0.03	10	29.78	19.39	19.41
50	3.46	3.46	0.01	33.59	0.12	50	34.56	22.35	22.44
100	3.47	3.48	0.01	33.95	0.24	100	33.98	22.96	22.98
200	3.51	3.51	0.00	34.05	0.46	200	32.61	23.52	23.61
300	3.54	3.54	0.00	33.92	0.64	300	32.59	24.57	24.49
400	3.57	3.57	0.00	33.32	0.82	400	33.31	25.35	25.05
500	3.61	3.61	0.00	32.84	0.98	500	34.85	26.40	26.27
600	3.63	3.63	0.01	32.37	1.08	600	35.42	27.66	27.74
700	3.66	3.66	0.01	31.81	1.17	700	35.11	28.48	29.21
800	3.71	3.70	0.01	31.44	1.20	800	36.58	28.90	32.01
900	3.75	3.74	0.01	31.00	1.20	900	40.16	28.23	36.36
1000	3.78	3.77	0.01	30.51	1.07	1000	40.56	26.55	42.54
1002	3.80	3.79	0.01	30.70	1.13	1002	42.75	26.73	41.68
1050	3.83	3.82	0.01	30.49	1.09	1050	45.35	25.96	41.88
1100	3.86	3.85	0.01	30.40	1.04	1100	45.80	25.04	38.72
1150	3.89	3.88	0.01	30.24	0.95	1150	45.78	24.16	35.93
1200	3.92	3.91	0.01	30.01	0.86	1200	47.69	23.37	33.26
1218	3.93	3.92	0.01	29.87	0.84	1218	47.71	23.12	32.61
1250	3.95	3.94	0.01	29.65	0.77	1250	45.95	22.69	31.66
1300	3.99	3.97	0.02	29.35	0.65	1300	45.82	22.10	30.01
1400	4.05	4.03	0.02	28.30	0.37	1400	41.03	20.80	27.80
1500	4.13	4.09	0.04	27.01	0.03	1500	35.42	19.64	25.98
1600	4.22	4.15	0.06	25.38	0.39	1600	30.60	18.78	24.67
1700	4.32	4.22	0.10	23.70	0.90	1700	26.86	18.00	23.29
1800	4.44	4.31	0.13	21.98	1.52	1800	23.93	17.20	21.77
1900	4.59	4.40	0.19	20.27	2.25	1900	21.05	16.33	20.23
2000	4.77	4.51	0.26	18.62	3.05	2000	18.49	15.56	18.63
2100	5.00	4.64	0.36	17.06	4.12	2100	16.39	14.84	17.17
2150	5.14	4.73	0.41	16.35	4.72	2150	15.59	14.41	16.49
2200	5.31	4.83	0.48	15.61	5.38	2200	14.68	13.90	15.91
2250	5.49	4.95	0.54	14.93	6.00	2250	13.92	13.55	15.35
2300	5.68	5.08	0.59	14.20	6.59	2300	13.38	13.20	14.90
2350	5.92	5.23	0.68	13.55	7.33	2350	12.71	12.83	14.45
2400	6.18	5.39	0.79	12.89	7.96	2400	12.25	12.48	14.07
2450	6.46	5.58	0.89	12.33	8.72	2450	11.78	12.04	13.68
2500	6.78	5.77	1.01	11.67	9.55	2500	11.20	11.69	13.39
2700	8.40	6.58	1.83	9.66	13.01	2700	9.89	10.42	12.35

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. OR
 TCP-2-23-75X+
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 Page 1 of 1