

2 Way-0° Power Splitter/Combiner

TCP-2-23-75RX+

Typical Performance Data

FREQ.	TOTAL LOSS ¹		AMPLITUDE UNBALANCE	ISOLATION	PHASE UNBALANCE	RETURN LOSS		
(MHz)	(dB)		(dB)	(dB)	(deg.)	(dB)		
	S-1	S-2		1-2		S	1	2
5	3.55	3.55	0.00	29.57	0.01	26.13	18.12	18.10
7	3.50	3.50	0.00	30.90	0.00	28.34	19.50	19.48
10	3.47	3.47	0.00	32.00	0.01	30.56	20.62	20.60
16	3.44	3.45	0.00	33.03	0.00	33.05	21.54	21.50
20	3.44	3.44	0.00	33.38	0.00	33.92	21.79	21.76
50	3.44	3.44	0.00	34.20	0.01	35.29	22.33	22.32
100	3.46	3.46	0.00	34.36	0.04	34.55	22.65	22.70
120	3.47	3.47	0.00	34.36	0.05	34.36	22.75	22.76
150	3.49	3.48	0.00	34.33	0.07	34.03	22.97	22.84
200	3.51	3.50	0.01	34.21	0.11	33.20	23.51	23.18
250	3.54	3.52	0.02	34.11	0.13	32.64	24.22	23.88
300	3.57	3.53	0.04	34.03	0.15	32.71	24.65	24.46
350	3.60	3.55	0.05	33.87	0.18	32.23	25.35	24.93
400	3.62	3.56	0.07	33.80	0.21	31.68	26.41	25.36
450	3.66	3.58	0.09	33.75	0.25	31.88	27.76	26.14
500	3.69	3.59	0.11	33.58	0.28	31.25	28.66	27.20
550	3.72	3.60	0.13	33.66	0.28	30.21	29.90	28.50
600	3.76	3.62	0.15	33.68	0.30	30.17	31.63	29.32
684	3.82	3.64	0.20	34.14	0.34	29.36	34.22	30.83
700	3.83	3.64	0.21	34.21	0.36	29.25	34.18	31.28
750	3.87	3.66	0.24	34.46	0.41	29.20	34.17	32.35
800	3.92	3.68	0.27	34.64	0.42	28.96	33.22	32.38
870	3.98	3.70	0.31	34.65	0.46	29.09	30.40	30.64
900	4.00	3.71	0.33	34.60	0.47	29.44	29.40	30.19
950	4.05	3.72	0.36	34.44	0.47	29.72	28.14	29.61
1000	4.09	3.74	0.39	33.96	0.49	30.32	27.08	28.75
1050	4.14	3.76	0.43	33.37	0.51	31.57	25.92	27.71
1100	4.19	3.78	0.46	32.56	0.51	31.85	24.99	26.74
1150	4.24	3.80	0.50	31.68	0.51	32.54	24.23	26.12
1200	4.29	3.82	0.54	30.73	0.51	34.09	23.52	25.55
1218	4.31	3.82	0.55	30.40	0.53	34.49	23.21	25.31
1300	4.40	3.86	0.61	28.83	0.51	36.66	22.21	24.19
1320	4.42	3.87	0.63	28.44	0.49	37.86	21.99	23.94
1340	4.44	3.88	0.64	28.08	0.49	38.90	21.75	23.67
1360	4.46	3.89	0.65	27.71	0.46	39.72	21.55	23.46
1380	4.49	3.90	0.67	27.38	0.45	40.10	21.35	23.25
1400	4.51	3.91	0.68	27.04	0.46	40.06	21.18	23.05
1420	4.53	3.92	0.70	26.69	0.42	40.81	20.98	22.82
1440	4.55	3.93	0.71	26.35	0.42	41.84	20.78	22.60
1460	4.57	3.94	0.73	26.04	0.42	43.06	20.58	22.33
1480	4.59	3.95	0.74	25.70	0.39	44.13	20.36	22.10
1500	4.61	3.95	0.76	25.39	0.35	43.38	20.22	21.87
1520	4.63	3.96	0.77	25.05	0.33	42.05	20.06	21.62
1540	4.65	3.97	0.79	24.73	0.32	40.85	19.91	21.35
1560	4.67	3.98	0.80	24.40	0.29	40.39	19.74	21.15
1580	4.70	3.99	0.82	24.08	0.27	39.88	19.58	20.97
1600	4.71	4.00	0.83	23.74	0.23	39.03	19.47	20.76
1620	4.73	4.02	0.84	23.41	0.21	37.74	19.33	20.55
1640	4.76	4.03	0.86	23.09	0.21	36.17	19.19	20.31
1660	4.78	4.04	0.87	22.76	0.18	34.83	19.05	20.10
1680	4.80	4.05	0.89	22.42	0.14	33.82	18.88	19.89
1700	4.82	4.07	0.90	22.08	0.14	33.11	18.79	19.66
1800	4.93	4.14	0.96	20.31	0.01	28.30	18.31	18.69
1850	4.99	4.18	0.99	19.41	0.06	26.53	18.06	18.26
1900	5.05	4.24	1.01	18.48	0.09	24.81	17.88	17.77
1950	5.11	4.31	1.03	17.53	0.10	22.78	17.72	17.34
2000	5.18	4.39	1.04	16.57	0.16	21.29	17.51	16.92
2010	5.20	4.41	1.04	16.38	0.18	21.02	17.49	16.80
2020	5.22	4.43	1.04	16.19	0.17	20.74	17.47	16.73
2050	5.27	4.49	1.05	15.62	0.19	19.83	17.42	16.47
2100	5.36	4.61	1.05	14.68	0.17	18.29	17.27	15.98
2150	5.47	4.76	1.05	13.75	0.08	17.17	17.33	15.52

¹Total Loss = Insertion Loss + 3dB Splitter Loss

