5 Way-0° Power Splitter/Combiner PSC-ED11261/1

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-3	S-4	S-5		1-2	1-3	2-3	3-5	4-5			S	OUTPUTS
0.09	7.52	7.52	7.52	7.53	7.52	0.02	32.57	14.94	31.75	14.92	30.98	0.10	0.09	1.57	3.01
0.20	7.33	7.32	7.32	7.33	7.32	0.01	44.18	18.07	40.14	18.01	40.33	0.04	0.20	1.24	1.88
0.40	7.31	7.32	7.32	7.33	7.32	0.01	49.53	21.60	46.60	21.52	48.19	0.07	0.40	1.14	1.47
0.60	7.32	7.32	7.32	7.33	7.32	0.01	50.25	23.37	48.55	23.26	50.15	0.03	0.60	1.12	1.35
0.80	7.32	7.32	7.31	7.33	7.32	0.01	50.94	24.54	48.64	24.39	49.61	0.04	0.80	1.11	1.29
1.00	7.31	7.31	7.31	7.32	7.31	0.01	50.46	25.43	48.43	25.25	48.57	0.10	1.00	1.10	1.26
2.00	7.30	7.29	7.30	7.30	7.29	0.01	46.53	28.15	46.43	27.93	45.73	0.09	2.00	1.09	1.16
4.00	7.27	7.27	7.27	7.28	7.27	0.01	43.53	30.03	44.49	29.87	43.63	0.11	4.00	1.08	1.11
6.00	7.27	7.27	7.27	7.27	7.26	0.01	42.09	30.42	43.27	30.31	42.49	0.08	6.00	1.08	1.09
8.00	7.26	7.26	7.27	7.27	7.26	0.01	41.07	30.44	42.22	30.37	41.60	0.14	8.00	1.08	1.08
10.00	7.27	7.27	7.27	7.27	7.27	0.01	40.24	30.35	41.24	30.32	40.83	0.21	10.00	1.08	1.08
28.00	7.32	7.33	7.33	7.33	7.32	0.01	34.66	29.00	35.22	29.04	35.07	0.40	28.00	1.15	1.08
46.00	7.39	7.40	7.40	7.40	7.40	0.01	31.23	27.65	31.73	27.71	31.62	0.65	46.00	1.23	1.08
64.00	7.48	7.48	7.48	7.49	7.48	0.01	28.87	26.40	29.35	26.51	29.27	0.99	64.00	1.31	1.08
82.00	7.57	7.57	7.57	7.57	7.57	0.01	27.15	25.28	27.60	25.41	27.55	1.31	82.00	1.40	1.07
100.00	7.66	7.66	7.67	7.67	7.67	0.01	25.84	24.35	26.31	24.50	26.27	1.57	100.00	1.49	1.07
120.00	7.77	7.76	7.77	7.78	7.78	0.02	24.73	23.48	25.20	23.64	25.18	1.84	120.00	1.58	1.07
130.00	7.81	7.82	7.82	7.83	7.83	0.02	24.28	23.11	24.76	23.29	24.73	2.00	130.00	1.62	1.07
140.00	7.87	7.87	7.86	7.88	7.89	0.03	23.91	22.79	24.41	22.97	24.38	2.13	140.00	1.66	1.07
150.00	7.92	7.93	7.92	7.93	7.94	0.02	23.60	22.52	24.10	22.70	24.06	2.31	150.00	1.70	1.07
160.00	7.96	7.97	7.96	7.98	7.99	0.03	23.35	22.28	23.85	22.47	23.82	2.44	160.00	1.73	1.07
170.00	8.01	8.01	8.01	8.03	8.03	0.02	23.15	22.09	23.67	22.28	23.64	2.57	170.00	1.76	1.06
196.00	8.10	8.09	8.09	8.12	8.13	0.03	22.91	21.84	23.47	22.03	23.44	2.88	196.00	1.80	1.05
222.00	8.16	8.16	8.15	8.19	8.21	0.06	23.12	21.92	23.73	22.13	23.69	3.19	222.00	1.79	1.04
248.00	8.20	8.20	8.19	8.23	8.27	0.08	23.88	22.49	24.63	22.72	24.54	3.58	248.00	1.71	1.02
274.00	8.24	8.24	8.21	8.27	8.33	0.12	25.41	23.84	26.42	24.09	26.31	3.83	274.00	1.54	1.01
300.00	8.33	8.33	8.31	8.38	8.46	0.14	27.42	26.57	29.03	26.94	29.06	4.08	300.00	1.30	1.04
319.00	8.50	8.52	8.49	8.55	8.64	0.15	27.24	29.76	28.90	30.60	29.37	4.32	319.00	1.10	1.07
338.00	8.87	8.88	8.86	8.93	9.04	0.18	24.56	30.56	25.58	32.16	26.16	4.36	338.00	1.17	1.11
357.00	9.50	9.52	9.48	9.57	9.70	0.22	21.37	26.13	22.03	27.10	22.54	4.45	357.00	1.51	1.16
376.00	10.46	10.46	10.43	10.53	10.69	0.27	18.79	22.18	19.31	22.85	19.75	4.65	376.00	2.01	1.19
395.00	11.68	11.72	11.70	11.81	11.98	0.29	16.95	19.52	17.41	20.05	17.80	4.73	395.00	2.67	1.23

[1]Total Loss = Insertion Loss + 7dB Splitter Loss