

4 Way-0° Power Splitter/Combiner

PSC-4A-475

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		1-2	2-3	3-4			S	1	2	3	4
10.0	6.22	6.22	6.23	6.23	0.01	28.88	22.48	29.05	0.01	10.0	1.32	1.15	1.15	1.16	1.16
20.0	6.24	6.24	6.24	6.26	0.02	27.72	23.99	27.91	0.13	20.0	1.32	1.08	1.08	1.08	1.09
30.0	6.25	6.25	6.25	6.26	0.01	26.69	24.76	26.89	0.09	30.0	1.32	1.06	1.06	1.06	1.06
40.0	6.26	6.26	6.27	6.27	0.01	26.06	25.21	26.24	0.13	40.0	1.32	1.05	1.05	1.05	1.05
50.0	6.27	6.28	6.28	6.28	0.02	25.68	25.49	25.83	0.21	50.0	1.32	1.06	1.06	1.05	1.05
60.0	6.28	6.29	6.29	6.30	0.02	25.39	25.68	25.52	0.20	60.0	1.31	1.06	1.06	1.05	1.05
70.0	6.29	6.29	6.30	6.30	0.01	25.16	25.83	25.28	0.31	70.0	1.31	1.06	1.06	1.06	1.06
80.0	6.29	6.29	6.30	6.31	0.02	25.00	25.94	25.08	0.34	80.0	1.31	1.07	1.07	1.06	1.06
90.0	6.31	6.30	6.31	6.31	0.02	24.89	26.06	24.97	0.30	90.0	1.31	1.07	1.07	1.07	1.06
100.0	6.30	6.30	6.31	6.32	0.02	24.82	26.13	24.90	0.32	100.0	1.31	1.08	1.08	1.07	1.07
120.0	6.32	6.32	6.35	6.35	0.03	24.75	26.28	24.81	0.34	120.0	1.31	1.09	1.09	1.08	1.08
140.0	6.34	6.34	6.37	6.36	0.03	24.75	26.43	24.84	0.45	140.0	1.31	1.10	1.10	1.09	1.09
160.0	6.35	6.35	6.38	6.38	0.03	24.85	26.57	24.93	0.55	160.0	1.31	1.11	1.11	1.10	1.10
180.0	6.34	6.33	6.38	6.37	0.04	24.98	26.72	25.03	0.60	180.0	1.31	1.12	1.12	1.11	1.11
200.0	6.35	6.34	6.39	6.37	0.05	25.12	26.87	25.23	0.63	200.0	1.31	1.13	1.14	1.12	1.11
220.0	6.38	6.36	6.43	6.41	0.07	25.37	27.09	25.43	0.66	220.0	1.32	1.14	1.15	1.13	1.13
240.0	6.41	6.38	6.45	6.42	0.07	25.64	27.31	25.70	0.81	240.0	1.32	1.15	1.16	1.14	1.14
260.0	6.37	6.35	6.44	6.40	0.09	25.89	27.51	25.96	0.87	260.0	1.32	1.17	1.18	1.15	1.15
280.0	6.37	6.35	6.44	6.41	0.09	26.22	27.74	26.26	0.97	280.0	1.31	1.18	1.19	1.16	1.15
300.0	6.41	6.37	6.48	6.44	0.11	26.59	28.07	26.61	0.98	300.0	1.31	1.19	1.20	1.16	1.16
320.0	6.43	6.39	6.50	6.46	0.11	27.00	28.39	26.96	1.13	320.0	1.31	1.19	1.21	1.17	1.17
340.0	6.44	6.39	6.52	6.47	0.13	27.42	28.75	27.32	1.19	340.0	1.30	1.20	1.22	1.17	1.17
360.0	6.43	6.37	6.51	6.45	0.14	27.88	29.12	27.68	1.32	360.0	1.30	1.21	1.22	1.18	1.18
380.0	6.43	6.39	6.55	6.48	0.16	28.39	29.56	27.99	1.41	380.0	1.29	1.22	1.23	1.18	1.18
400.0	6.47	6.41	6.58	6.51	0.17	28.98	30.10	28.29	1.45	400.0	1.29	1.22	1.24	1.18	1.19
420.0	6.46	6.42	6.60	6.51	0.17	29.58	30.64	28.52	1.46	420.0	1.28	1.23	1.25	1.19	1.19
440.0	6.47	6.40	6.61	6.50	0.21	30.11	31.22	28.65	1.71	440.0	1.28	1.24	1.25	1.19	1.19
460.0	6.48	6.41	6.62	6.52	0.22	30.70	31.96	28.65	1.89	460.0	1.27	1.24	1.26	1.19	1.20
480.0	6.53	6.46	6.68	6.55	0.22	31.30	32.78	28.63	1.85	480.0	1.27	1.25	1.27	1.19	1.20
500.0	6.53	6.44	6.68	6.57	0.24	31.85	33.65	28.43	2.07	500.0	1.26	1.26	1.27	1.19	1.20
520.0	6.54	6.43	6.69	6.57	0.26	32.33	34.80	28.13	2.16	520.0	1.25	1.26	1.28	1.19	1.20
540.0	6.55	6.45	6.72	6.59	0.27	32.66	35.98	27.71	2.34	540.0	1.23	1.26	1.28	1.19	1.20
560.0	6.58	6.47	6.77	6.62	0.30	32.85	37.43	27.28	2.48	560.0	1.22	1.27	1.29	1.19	1.20
580.0	6.59	6.48	6.78	6.63	0.30	32.94	39.23	26.81	2.68	580.0	1.20	1.27	1.30	1.19	1.20
600.0	6.60	6.49	6.81	6.65	0.33	32.80	41.53	26.29	2.79	600.0	1.19	1.28	1.30	1.19	1.20
620.0	6.63	6.51	6.85	6.68	0.34	32.53	44.17	25.72	2.93	620.0	1.17	1.28	1.30	1.19	1.20
640.0	6.65	6.51	6.88	6.70	0.38	32.10	46.26	25.18	3.07	640.0	1.16	1.28	1.30	1.18	1.20
660.0	6.69	6.54	6.92	6.72	0.38	31.68	45.81	24.63	3.40	660.0	1.14	1.28	1.30	1.18	1.19
700.0	6.76	6.61	6.99	6.80	0.39	30.57	40.01	23.59	3.87	700.0	1.10	1.28	1.30	1.17	1.19
750.0	6.85	6.67	7.10	6.90	0.44	29.09	34.39	22.29	4.48	750.0	1.06	1.28	1.30	1.16	1.18
800.0	7.02	6.81	7.26	7.05	0.45	27.57	30.50	21.07	5.42	800.0	1.10	1.28	1.30	1.16	1.19

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss