

8 Way-0° Power Splitter/Combiner

PSC-8A4-75+

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-6	S-8		1-2	1-8	3-4	6-7			S	1	8
1.00	9.53	9.52	9.55	9.57	9.62	9.54	0.10	42.40	47.98	44.69	42.50	0.01	1.00	1.14	1.33	1.34
3.59	9.39	9.38	9.40	9.43	9.49	9.41	0.11	44.64	54.88	43.02	41.99	0.12	3.59	1.06	1.20	1.21
7.51	9.34	9.34	9.36	9.38	9.43	9.35	0.10	44.20	61.45	42.82	42.14	0.04	7.51	1.03	1.16	1.16
10.01	9.34	9.35	9.37	9.38	9.44	9.34	0.10	43.91	63.09	42.65	42.10	0.19	10.01	1.03	1.16	1.16
20.19	9.37	9.36	9.38	9.40	9.45	9.38	0.10	42.65	67.84	41.93	41.74	0.17	20.19	1.02	1.15	1.15
33.42	9.39	9.39	9.41	9.43	9.47	9.39	0.08	41.77	71.36	41.19	40.67	0.33	33.42	1.03	1.15	1.15
42.99	9.41	9.40	9.42	9.45	9.48	9.41	0.08	41.17	72.32	40.46	39.78	0.44	42.99	1.04	1.15	1.15
69.86	9.46	9.45	9.46	9.49	9.51	9.45	0.07	39.84	82.83	39.02	37.04	0.66	69.86	1.06	1.16	1.15
89.87	9.48	9.47	9.49	9.52	9.54	9.47	0.07	38.96	57.31	38.05	35.31	0.83	89.87	1.08	1.16	1.16
115.61	9.52	9.51	9.53	9.56	9.57	9.50	0.08	37.97	53.24	36.83	33.47	0.96	115.61	1.11	1.17	1.16
154.17	9.58	9.59	9.59	9.61	9.61	9.54	0.08	36.33	47.78	35.26	31.25	1.42	154.17	1.13	1.19	1.18
191.32	9.65	9.65	9.66	9.66	9.65	9.58	0.08	35.08	43.98	33.97	29.61	1.78	191.32	1.15	1.21	1.19
241.72	9.75	9.77	9.75	9.76	9.70	9.65	0.12	34.13	40.12	32.92	28.05	2.20	241.72	1.15	1.24	1.23
274.16	9.81	9.85	9.82	9.82	9.74	9.70	0.18	34.01	37.96	32.70	27.45	2.43	274.16	1.14	1.27	1.27
300.00	9.98	9.91	9.88	9.91	9.79	9.73	0.18	34.34	36.66	32.62	27.28	2.79	300.00	1.14	1.30	1.30

¹Total Loss = Insertion Loss + 9dB Splitter Loss

