

# 3 Way-0° Power Splitter/Combiner

PSC-3-1-75-2

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)		FREQ. (MHz)	VSWR (:1)			
	S-1	S-2	S-3		1-2	2-3		S	1	2	3
10.00	4.94	4.94	4.96	0.02	33.48	39.30	10.00	1.03	1.12	1.12	1.12
20.10	4.97	4.96	4.98	0.02	33.85	39.84	20.10	1.03	1.11	1.11	1.11
44.00	4.99	4.99	5.02	0.03	34.30	42.00	44.00	1.04	1.08	1.07	1.07
69.40	5.02	5.01	5.07	0.06	36.57	46.49	69.40	1.07	1.04	1.04	1.05
99.90	5.04	5.02	5.10	0.08	37.76	51.00	99.90	1.11	1.04	1.05	1.06
120.90	5.06	5.04	5.13	0.09	37.54	48.66	120.90	1.13	1.05	1.07	1.08
155.00	5.09	5.05	5.17	0.12	36.45	44.24	155.00	1.17	1.08	1.11	1.12
172.40	5.10	5.05	5.20	0.15	35.04	42.46	172.40	1.19	1.10	1.12	1.13
197.70	5.13	5.07	5.23	0.16	33.55	39.67	197.70	1.22	1.12	1.15	1.16
214.40	5.18	5.09	5.27	0.18	32.63	38.17	214.40	1.24	1.14	1.17	1.18
231.80	5.19	5.10	5.29	0.19	31.48	36.90	231.80	1.26	1.16	1.19	1.20
248.50	5.21	5.12	5.33	0.21	30.58	35.62	248.50	1.27	1.17	1.20	1.22
265.90	5.26	5.15	5.38	0.23	29.64	34.60	265.90	1.29	1.19	1.22	1.24
282.60	5.29	5.17	5.41	0.24	28.88	33.58	282.60	1.30	1.20	1.24	1.25
300.00	5.32	5.18	5.45	0.27	27.89	32.62	300.00	1.32	1.22	1.26	1.27

<sup>1</sup>Total Loss = Insertion Loss+ 4.8dB Splitter Loss