

5 Way-0° Power Splitter/Combiner

PSC-5-1-75

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)					AMP. UNBAL. (dB)	ISOLATION (dB)				FREQ. (MHz)	VSWR (:1)	
	S-1	S-2	S-3	S-4	S-5		1-2	1-3	2-3	3-5		S	OUTPUTS
1.0	7.40	7.42	7.40	7.41	7.41	0.02	43.47	22.47	44.90	22.10	10.0	1.09	1.17
10.0	7.24	7.24	7.24	7.26	7.24	0.02	45.39	28.95	48.20	28.76	27.4	1.09	1.16
20.0	7.27	7.26	7.26	7.26	7.24	0.03	42.90	28.98	43.39	28.90	44.1	1.09	1.16
38.4	7.29	7.31	7.31	7.31	7.29	0.02	38.98	28.42	38.22	28.40	52.8	1.09	1.16
50.0	7.30	7.28	7.28	7.28	7.26	0.04	37.09	28.16	36.08	28.05	78.2	1.11	1.16
75.8	7.33	7.33	7.33	7.31	7.32	0.02	34.03	27.65	32.76	27.41	95.6	1.11	1.16
100.0	7.33	7.36	7.36	7.36	7.32	0.04	31.90	27.11	30.52	26.76	112.2	1.12	1.16
122.5	7.38	7.40	7.40	7.38	7.33	0.07	30.46	26.74	29.03	26.22	137.2	1.14	1.15
150.5	7.37	7.45	7.45	7.43	7.33	0.08	29.11	26.37	27.60	25.63	155.0	1.15	1.16
178.5	7.42	7.54	7.51	7.49	7.39	0.15	28.00	25.99	26.43	25.11	180.4	1.16	1.16
200.0	7.45	7.57	7.56	7.49	7.42	0.15	27.36	25.83	25.73	24.78	200.0	1.17	1.16
225.3	7.47	7.65	7.60	7.55	7.43	0.22	26.73	25.72	25.08	24.54	231.9	1.17	1.18
253.3	7.56	7.74	7.69	7.66	7.49	0.25	26.21	25.80	24.49	24.36	257.2	1.18	1.20
281.3	7.62	7.84	7.78	7.69	7.51	0.33	25.80	26.02	23.98	24.34	274.6	1.18	1.21
300.0	7.67	7.91	7.82	7.75	7.55	0.36	25.54	26.27	23.67	24.38	300.0	1.19	1.23

¹Total Loss = Insertion Loss + 7dB Splitter Loss

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