

# 4 Way-0° Power Splitter/Combiner

# PSC-4-5+

## 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	S-4		1-2	2-3	3-4		S	1	2	3	4
1.0	6.46	6.44	6.45	6.46	0.02	27.74	52.72	27.19	1.0	1.13	1.22	1.22	1.23	1.23
2.0	6.40	6.38	6.39	6.39	0.02	28.98	53.04	28.83	2.0	1.09	1.17	1.17	1.17	1.17
6.4	6.36	6.35	6.36	6.36	0.04	29.67	51.87	29.94	6.4	1.07	1.14	1.14	1.14	1.14
10.0	6.35	6.34	6.34	6.34	0.01	29.78	50.48	30.10	10.0	1.06	1.13	1.13	1.13	1.13
20.0	6.37	6.36	6.35	6.35	0.02	29.50	47.13	29.91	20.0	1.06	1.12	1.13	1.12	1.12
50.0	6.41	6.41	6.40	6.40	0.01	28.65	40.22	29.02	50.0	1.06	1.12	1.12	1.12	1.12
100.0	6.48	6.45	6.45	6.46	0.03	27.08	35.01	27.31	100.0	1.08	1.11	1.11	1.11	1.11
200.0	6.53	6.52	6.52	6.54	0.02	24.70	29.75	24.96	200.0	1.12	1.08	1.08	1.07	1.08
267.0	6.60	6.61	6.60	6.62	0.02	24.06	27.88	24.25	267.0	1.13	1.06	1.07	1.06	1.07
400.0	6.71	6.73	6.71	6.81	0.10	25.29	25.96	25.05	400.0	1.17	1.11	1.12	1.11	1.11
467.0	6.80	6.83	6.78	6.94	0.16	27.97	25.73	27.25	467.0	1.21	1.17	1.18	1.17	1.16
560.0	6.84	6.89	6.84	6.95	0.11	30.36	25.86	29.12	560.0	1.24	1.20	1.21	1.20	1.20
667.0	7.28	7.35	7.20	7.32	0.15	26.13	28.98	28.19	667.0	1.39	1.37	1.38	1.35	1.35
778.0	7.78	7.85	7.53	7.56	0.32	20.67	26.01	22.67	778.0	1.25	1.41	1.42	1.37	1.38
800.0	7.90	8.00	7.65	7.64	0.36	20.29	24.44	22.44	800.0	1.16	1.42	1.42	1.37	1.38

<sup>1</sup>Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2  
PSC-4-5+  
100624  
Page 1 of 1



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