

4 Way-0° Power Splitter/Combiner

PSC-4-6+

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		1-2	2-3	3-4		S	1	2	3	4
0.0	6.35	6.40	6.36	6.36	0.05	25.59	56.00	26.01	0.1	1.11	1.17	1.17	1.17	1.16
0.1	6.20	6.20	6.21	6.19	0.02	34.62	56.00	34.42	1.0	1.04	1.06	1.05	1.05	1.05
1.0	6.18	6.18	6.21	6.19	0.03	35.15	56.00	34.80	2.6	1.03	1.03	1.03	1.03	1.03
2.0	6.19	6.19	6.19	6.17	0.02	34.95	56.00	34.64	5.0	1.03	1.03	1.03	1.03	1.03
5.0	6.20	6.18	6.20	6.19	0.02	33.78	45.61	33.47	7.6	1.03	1.03	1.03	1.03	1.03
8.3	6.20	6.20	6.21	6.20	0.01	32.32	41.23	32.04	10.1	1.02	1.04	1.04	1.04	1.04
10.0	6.20	6.22	6.22	6.21	0.02	31.58	39.66	31.30	12.6	1.03	1.06	1.00	1.00	1.06
13.8	6.33	6.32	6.35	6.32	0.03	29.88	37.45	29.65	16.3	1.09	1.11	1.11	1.12	1.12
17.9	6.35	6.36	6.38	6.37	0.03	28.13	35.54	27.94	20.0	1.13	1.16	1.10	1.10	1.16
20.0	6.35	6.33	6.36	6.36	0.03	27.27	34.74	27.08	21.3	1.15	1.16	1.17	1.17	1.17
24.8	6.35	6.33	6.38	6.36	0.05	25.43	33.08	25.28	26.3	1.15	1.16	1.17	1.17	1.17
29.0	6.45	6.43	6.47	6.49	0.06	24.13	32.14	23.97	30.0	1.18	1.18	1.18	1.18	1.18
31.7	6.52	6.51	6.54	6.53	0.03	23.38	31.67	23.22	32.5	1.23	1.22	1.23	1.23	1.23
35.9	6.54	6.51	6.57	6.56	0.08	22.21	30.99	22.05	36.3	1.35	1.32	1.32	1.33	1.33
40.0	6.48	6.50	6.52	6.51	0.04	21.02	30.30	20.86	40.0	1.43	1.38	1.39	1.39	1.39

¹Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2
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100624
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