

4 Way-0° Power Splitter/Combiner

SCA-ED13277/4

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		1-2	2-3	3-4			S	1	2	3	4
1000.0	6.94	6.64	6.61	6.91	0.34	11.24	19.52	11.22	1.61	1000.0	1.78	1.58	1.40	1.40	1.58
1050.0	6.90	6.58	6.53	6.86	0.37	11.92	20.12	11.88	1.75	1050.0	1.68	1.56	1.39	1.38	1.56
1100.0	6.86	6.52	6.47	6.83	0.39	12.65	20.70	12.59	1.83	1100.0	1.58	1.54	1.36	1.36	1.54
1150.0	6.83	6.48	6.42	6.80	0.41	13.44	21.29	13.36	1.98	1150.0	1.49	1.53	1.34	1.34	1.53
1200.0	6.82	6.44	6.38	6.78	0.44	14.31	21.87	14.20	2.13	1200.0	1.42	1.51	1.33	1.32	1.52
1250.0	6.82	6.42	6.35	6.78	0.47	15.27	22.47	15.11	2.27	1250.0	1.35	1.50	1.32	1.31	1.51
1300.0	6.82	6.40	6.33	6.78	0.50	16.32	23.05	16.11	2.38	1300.0	1.30	1.50	1.32	1.30	1.50
1350.0	6.83	6.39	6.32	6.80	0.51	17.48	23.63	17.20	2.48	1350.0	1.25	1.49	1.30	1.29	1.49
1400.0	6.85	6.38	6.31	6.81	0.54	18.77	24.21	18.42	2.65	1400.0	1.21	1.48	1.28	1.28	1.48
1450.0	6.88	6.39	6.31	6.84	0.57	20.25	24.80	19.77	2.78	1450.0	1.18	1.48	1.28	1.27	1.47
1500.0	6.91	6.39	6.31	6.86	0.59	21.98	25.38	21.33	2.91	1500.0	1.16	1.47	1.27	1.26	1.47
1550.0	6.94	6.40	6.32	6.89	0.62	24.07	25.96	23.15	3.00	1550.0	1.13	1.46	1.26	1.25	1.46
1600.0	6.97	6.40	6.33	6.92	0.64	26.81	26.52	25.43	3.13	1600.0	1.10	1.45	1.24	1.23	1.45
1650.0	7.01	6.42	6.34	6.96	0.67	30.85	27.03	28.52	3.27	1650.0	1.07	1.44	1.22	1.22	1.43
1700.0	7.05	6.44	6.35	6.99	0.70	38.72	27.43	33.27	3.37	1700.0	1.04	1.43	1.22	1.20	1.42
1750.0	7.10	6.46	6.38	7.04	0.72	41.11	27.62	39.96	3.44	1750.0	1.04	1.42	1.19	1.18	1.40
1800.0	7.16	6.50	6.42	7.10	0.75	31.15	27.49	33.99	3.54	1800.0	1.10	1.40	1.16	1.16	1.39
1850.0	7.24	6.56	6.47	7.18	0.77	26.24	26.98	28.14	3.64	1850.0	1.18	1.39	1.14	1.13	1.37
1900.0	7.35	6.65	6.55	7.29	0.80	22.89	26.13	24.27	3.71	1900.0	1.29	1.38	1.12	1.10	1.36
1950.0	7.49	6.78	6.66	7.42	0.83	20.32	25.08	21.38	3.77	1950.0	1.43	1.38	1.11	1.09	1.35
2000.0	7.68	6.95	6.83	7.61	0.86	18.21	23.96	19.08	3.79	2000.0	1.60	1.38	1.12	1.09	1.35

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. X2

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