

3 Way-0° Power Splitter/Combiner

SEPS-ED13670

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		1-2	1-3	2-3			S	1	2	3
600.0	5.44	5.25	5.49	0.23	17.56	15.49	17.40	0.47	600.0	1.81	1.29	1.19	1.28
700.0	5.27	5.11	5.32	0.22	21.17	16.82	20.80	0.61	700.0	1.56	1.29	1.18	1.28
750.0	5.21	5.06	5.27	0.21	23.56	17.48	22.98	0.68	750.0	1.45	1.29	1.17	1.28
800.0	5.17	5.03	5.23	0.20	26.47	18.13	25.50	0.76	800.0	1.34	1.29	1.16	1.28
900.0	5.11	4.99	5.19	0.20	32.78	19.35	30.36	0.93	900.0	1.17	1.27	1.12	1.28
1000.0	5.11	5.00	5.19	0.19	29.79	20.42	29.11	1.11	1000.0	1.03	1.25	1.09	1.26
1100.0	5.14	5.03	5.23	0.20	25.96	21.37	26.05	1.24	1100.0	1.08	1.22	1.08	1.24
1200.0	5.19	5.08	5.29	0.21	23.83	22.20	24.15	1.36	1200.0	1.16	1.18	1.09	1.20
1300.0	5.25	5.13	5.35	0.21	22.63	22.95	23.05	1.40	1300.0	1.22	1.13	1.11	1.16
1400.0	5.32	5.19	5.40	0.22	22.04	23.70	22.49	1.40	1400.0	1.25	1.08	1.13	1.11
1500.0	5.37	5.23	5.45	0.22	21.87	24.43	22.32	1.37	1500.0	1.26	1.03	1.13	1.06
1600.0	5.42	5.29	5.49	0.21	22.12	25.13	22.58	1.29	1600.0	1.24	1.01	1.13	1.02
1700.0	5.43	5.31	5.50	0.19	22.98	25.61	23.46	1.23	1700.0	1.21	1.03	1.12	1.00
1800.0	5.43	5.33	5.50	0.16	24.40	25.89	25.06	1.20	1800.0	1.14	1.04	1.11	1.00
1900.0	5.45	5.39	5.52	0.13	25.68	25.82	26.98	1.19	1900.0	1.05	1.03	1.10	1.01
2000.0	5.48	5.46	5.56	0.11	25.17	25.35	27.38	1.21	2000.0	1.09	1.05	1.10	1.05
2100.0	5.55	5.56	5.64	0.09	22.90	24.58	25.22	1.24	2100.0	1.24	1.10	1.11	1.09
2200.0	5.68	5.70	5.76	0.08	20.54	23.74	22.65	1.21	2200.0	1.41	1.17	1.13	1.15
2300.0	5.82	5.85	5.89	0.07	18.77	22.99	20.71	1.20	2300.0	1.55	1.23	1.14	1.21
2400.0	5.93	5.96	5.98	0.05	17.63	22.41	19.49	1.10	2400.0	1.65	1.29	1.13	1.26
2500.0	5.99	6.01	6.01	0.02	17.07	22.04	18.94	0.92	2500.0	1.66	1.34	1.09	1.30
2600.0	5.98	5.99	5.97	0.02	17.08	21.84	19.04	0.89	2600.0	1.59	1.36	1.03	1.33
2700.0	5.91	5.93	5.88	0.06	17.62	21.67	19.83	1.16	2700.0	1.45	1.36	1.06	1.33
2800.0	5.83	5.88	5.78	0.10	18.55	21.38	21.10	1.72	2800.0	1.28	1.34	1.16	1.32
2900.0	5.77	5.89	5.73	0.16	19.25	20.71	21.71	2.64	2900.0	1.17	1.30	1.26	1.29
3000.0	5.78	6.01	5.76	0.25	18.75	19.52	20.18	3.61	3000.0	1.26	1.26	1.36	1.26

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS



REV. X2

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