

4 Way-0° Power Splitter/Combiner

WP4-ED12616B

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	1-3	3-4			S	1	2	3	4
2700.0	7.15	7.19	7.14	7.10	0.09	28.23	24.14	29.48	0.92	2700.0	1.78	1.42	1.46	1.45	1.40
2750.0	7.07	7.10	7.05	7.02	0.08	29.72	25.04	31.18	0.63	2750.0	1.68	1.41	1.45	1.42	1.38
2800.0	6.99	7.02	6.97	6.95	0.07	31.23	25.92	32.73	0.59	2800.0	1.61	1.40	1.42	1.41	1.37
2850.0	6.94	6.95	6.90	6.89	0.06	32.53	26.78	33.74	0.62	2850.0	1.53	1.39	1.40	1.39	1.36
2900.0	6.88	6.89	6.84	6.83	0.06	33.16	27.39	33.85	0.86	2900.0	1.48	1.38	1.39	1.37	1.35
2950.0	6.84	6.83	6.78	6.79	0.06	33.13	27.98	33.12	1.12	2950.0	1.42	1.37	1.37	1.35	1.34
3000.0	6.81	6.79	6.74	6.76	0.07	32.33	28.17	32.00	1.42	3000.0	1.40	1.37	1.36	1.34	1.34
3050.0	6.79	6.75	6.70	6.74	0.09	31.37	28.28	30.78	1.67	3050.0	1.36	1.37	1.33	1.32	1.33
3100.0	6.77	6.73	6.67	6.72	0.10	30.06	27.91	29.66	1.97	3100.0	1.36	1.36	1.34	1.31	1.33
3150.0	6.77	6.69	6.65	6.72	0.12	29.13	27.62	28.65	2.18	3150.0	1.35	1.36	1.31	1.30	1.32
3200.0	6.76	6.68	6.62	6.71	0.14	27.97	26.97	27.76	2.46	3200.0	1.37	1.36	1.30	1.28	1.32
3250.0	6.77	6.66	6.61	6.72	0.16	27.22	26.47	26.98	2.71	3250.0	1.38	1.35	1.30	1.27	1.32
3300.0	6.77	6.66	6.60	6.72	0.17	26.30	25.82	26.28	2.93	3300.0	1.41	1.35	1.28	1.26	1.31
3350.0	6.79	6.65	6.60	6.74	0.19	25.73	25.30	25.65	3.14	3350.0	1.44	1.35	1.28	1.25	1.31
3400.0	6.80	6.65	6.60	6.75	0.20	24.98	24.69	25.10	3.35	3400.0	1.48	1.35	1.25	1.24	1.31
3450.0	6.82	6.66	6.61	6.77	0.22	24.46	24.11	24.60	3.56	3450.0	1.52	1.34	1.26	1.24	1.31
3500.0	6.85	6.67	6.62	6.80	0.23	23.93	23.65	24.15	3.74	3500.0	1.56	1.35	1.24	1.22	1.30
3550.0	6.88	6.69	6.64	6.83	0.24	23.45	23.09	23.73	3.94	3550.0	1.62	1.34	1.25	1.22	1.31
3600.0	6.91	6.71	6.66	6.86	0.25	23.09	22.74	23.35	4.10	3600.0	1.66	1.34	1.23	1.21	1.30
3650.0	6.94	6.74	6.69	6.90	0.25	22.63	22.23	22.99	4.29	3650.0	1.72	1.34	1.22	1.21	1.30
3700.0	6.98	6.77	6.72	6.93	0.26	22.35	21.89	22.66	4.45	3700.0	1.77	1.33	1.23	1.20	1.30
3750.0	7.02	6.81	6.76	6.97	0.26	21.97	21.48	22.35	4.60	3750.0	1.83	1.33	1.21	1.19	1.30
3800.0	7.05	6.84	6.80	7.01	0.25	21.71	21.13	22.06	4.76	3800.0	1.88	1.33	1.22	1.19	1.30

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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