

4 Way-0° Power Splitter/Combiner WP4-ED12616A/5_13

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
1600.0	15.76	16.12	16.06	15.72	0.40	13.70	13.32	13.70	9.33	1600.0	15.67	1.76	1.80	1.80	1.77
1700.0	14.63	14.97	14.91	14.60	0.38	13.96	13.52	13.96	8.44	1700.0	13.19	1.74	1.79	1.79	1.76
1800.0	13.58	13.90	13.83	13.54	0.36	14.29	13.78	14.29	7.62	1800.0	11.09	1.73	1.77	1.78	1.74
1900.0	12.61	12.91	12.84	12.57	0.34	14.68	14.10	14.68	6.88	1900.0	9.23	1.71	1.76	1.76	1.72
2000.0	11.71	11.99	11.92	11.67	0.32	15.15	14.49	15.15	6.20	2000.0	7.70	1.68	1.73	1.74	1.69
2200.0	10.16	10.40	10.34	10.13	0.28	16.38	15.52	16.40	4.98	2200.0	5.38	1.62	1.67	1.67	1.63
2400.0	8.94	9.14	9.07	8.90	0.24	18.07	16.98	18.19	3.90	2400.0	3.82	1.55	1.60	1.60	1.56
2500.0	8.46	8.64	8.57	8.43	0.22	19.13	17.89	19.34	3.41	2500.0	3.26	1.51	1.56	1.55	1.52
2600.0	8.05	8.21	8.13	8.01	0.20	20.36	18.95	20.67	2.95	2600.0	2.80	1.48	1.52	1.51	1.48
2800.0	7.44	7.56	7.47	7.40	0.16	23.41	21.59	24.02	2.09	2800.0	2.14	1.41	1.43	1.42	1.41
2900.0	7.21	7.31	7.23	7.17	0.14	25.30	23.23	26.06	1.69	2900.0	1.90	1.37	1.39	1.38	1.38
3000.0	7.05	7.13	7.04	7.01	0.12	27.48	25.14	28.26	1.29	3000.0	1.71	1.34	1.35	1.34	1.35
3100.0	6.92	6.98	6.90	6.88	0.10	29.88	27.35	30.40	0.90	3100.0	1.56	1.32	1.32	1.30	1.32
3200.0	6.83	6.87	6.78	6.79	0.09	32.06	29.77	31.79	0.58	3200.0	1.45	1.30	1.28	1.27	1.30
3300.0	6.78	6.80	6.71	6.74	0.09	32.95	31.90	31.81	0.85	3300.0	1.37	1.28	1.26	1.24	1.28
3350.0	6.76	6.77	6.68	6.72	0.09	32.67	32.45	31.36	1.05	3350.0	1.35	1.27	1.24	1.23	1.27
3400.0	6.74	6.75	6.66	6.70	0.09	31.99	32.42	30.73	1.23	3400.0	1.33	1.26	1.23	1.21	1.26
3450.0	6.74	6.73	6.64	6.69	0.09	31.11	31.85	30.03	1.42	3450.0	1.32	1.25	1.21	1.20	1.26
3500.0	6.73	6.72	6.63	6.69	0.10	30.20	30.99	29.32	1.59	3500.0	1.33	1.25	1.21	1.19	1.25
3550.0	6.74	6.72	6.63	6.70	0.11	29.27	29.95	28.62	1.78	3550.0	1.34	1.24	1.19	1.17	1.25
3600.0	6.75	6.72	6.63	6.70	0.12	28.44	28.93	27.95	1.97	3600.0	1.35	1.23	1.18	1.16	1.24
3700.0	6.77	6.72	6.64	6.72	0.13	26.94	27.06	26.71	2.32	3700.0	1.40	1.22	1.16	1.14	1.23
3800.0	6.80	6.74	6.66	6.75	0.14	25.69	25.45	25.61	2.66	3800.0	1.46	1.21	1.14	1.13	1.22
3900.0	6.84	6.77	6.69	6.79	0.15	24.63	24.10	24.64	3.00	3900.0	1.53	1.20	1.13	1.11	1.21
4000.0	6.90	6.82	6.74	6.85	0.16	23.73	22.95	23.75	3.33	4000.0	1.61	1.19	1.11	1.10	1.21
4200.0	7.01	6.92	6.84	6.96	0.18	22.28	21.06	22.23	3.96	4200.0	1.77	1.18	1.09	1.08	1.19
4400.0	7.14	7.04	6.96	7.09	0.18	21.16	19.56	20.97	4.57	4400.0	1.94	1.16	1.07	1.07	1.18
4500.0	7.21	7.10	7.03	7.15	0.18	20.69	18.92	20.43	4.87	4500.0	2.03	1.15	1.07	1.06	1.18
4600.0	7.28	7.16	7.10	7.22	0.18	20.26	18.32	19.94	5.13	4600.0	2.12	1.14	1.07	1.07	1.17
4800.0	7.41	7.29	7.23	7.35	0.18	19.53	17.27	19.11	5.65	4800.0	2.30	1.13	1.07	1.08	1.16
4900.0	7.48	7.36	7.30	7.41	0.18	19.21	16.80	18.76	5.89	4900.0	2.38	1.12	1.08	1.09	1.15
5000.0	7.54	7.42	7.36	7.47	0.18	18.93	16.36	18.46	6.12	5000.0	2.46	1.11	1.09	1.10	1.15
5200.0	7.67	7.56	7.49	7.59	0.17	18.43	15.56	17.95	6.57	5200.0	2.64	1.10	1.11	1.12	1.14
5400.0	7.79	7.68	7.62	7.71	0.17	18.00	14.84	17.57	6.98	5400.0	2.80	1.09	1.13	1.16	1.14
5500.0	7.85	7.74	7.68	7.77	0.17	17.81	14.51	17.41	7.18	5500.0	2.87	1.10	1.15	1.17	1.14
5600.0	7.89	7.80	7.73	7.81	0.17	17.64	14.20	17.25	7.41	5600.0	2.94	1.10	1.18	1.19	1.14
5800.0	7.99	7.90	7.83	7.90	0.16	17.31	13.61	16.98	7.85	5800.0	3.07	1.12	1.21	1.22	1.15
5900.0	8.05	7.97	7.89	7.97	0.16	17.16	13.33	16.85	8.00	5900.0	3.14	1.13	1.23	1.25	1.16
6000.0	8.10	8.02	7.94	8.01	0.16	17.01	13.08	16.73	8.21	6000.0	3.19	1.14	1.26	1.27	1.17
6200.0	8.18	8.11	8.03	8.10	0.16	16.69	12.60	16.44	8.71	6200.0	3.30	1.18	1.31	1.32	1.20
6400.0	8.27	8.21	8.12	8.19	0.15	16.36	12.17	16.12	9.13	6400.0	3.39	1.21	1.37	1.38	1.23
6500.0	8.30	8.25	8.16	8.22	0.14	16.18	11.98	15.95	9.34	6500.0	3.42	1.23	1.39	1.41	1.26
6600.0	8.32	8.28	8.20	8.24	0.12	15.97	11.79	15.75	9.59	6600.0	3.45	1.25	1.43	1.44	1.28
6800.0	8.37	8.35	8.27	8.31	0.10	15.53	11.45	15.30	10.07	6800.0	3.50	1.30	1.50	1.51	1.33
6900.0	8.39	8.37	8.31	8.33	0.08	15.29	11.29	15.06	10.36	6900.0	3.53	1.32	1.54	1.54	1.35
7000.0	8.40	8.39	8.34	8.34	0.07	15.04	11.15	14.81	10.58	7000.0	3.54	1.34	1.58	1.58	1.38
7200.0	8.42	8.41	8.39	8.37	0.04	14.51	10.88	14.30	11.05	7200.0	3.56	1.39	1.65	1.65	1.43
7400.0	8.42	8.43	8.43	8.38	0.05	13.96	10.67	13.78	11.55	7400.0	3.56	1.43	1.73	1.73	1.48
7500.0	8.43	8.44	8.45	8.40	0.05	13.70	10.58	13.52	11.83	7500.0	3.55	1.45	1.76	1.77	1.51
7600.0	8.43	8.45	8.47	8.41	0.06	13.43	10.50	13.26	12.15	7600.0	3.55	1.47	1.81	1.81	1.53
7800.0	8.45	8.47	8.50	8.43	0.06	12.92	10.36	12.79	12.73	7800.0	3.53	1.52	1.87	1.88	1.58
7900.0	8.45	8.47	8.50	8.44	0.06	12.68	10.30	12.56	13.00	7900.0	3.52	1.54	1.91	1.92	1.61
8000.0	8.47	8.48	8.49	8.45	0.04	12.46	10.24	12.33	13.37	8000.0	3.52	1.57	1.94	1.95	1.63

¹Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

WP4-ED12616A/5_13

100714

Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

