

4 Way-0° Power Splitter/Combiner

ZB4PD-ED5336A/1

Typical Performance Data

FREQ.	TOTAL LOSS ¹				AMP UNBAL.	ISOLATION			PHASE UNBAL.	FREQ.	VSWR				
(MHz)	(dB)				(dB)	(dB)			(Deg)	(MHz)	(:1)				
	S1	S2	S3	S4		1-2	2-3	3-4			S	1	2	3	4
4400.0	6.40	6.40	6.45	6.37	0.08	17.48	22.18	17.18	1.39	4400.0	1.11	1.30	1.30	1.29	1.30
4700.0	6.43	6.42	6.44	6.38	0.06	21.59	23.18	21.02	1.22	4700.0	1.09	1.22	1.23	1.21	1.20
5000.0	6.47	6.46	6.45	6.40	0.07	26.21	24.96	25.41	1.16	5000.0	1.16	1.16	1.19	1.16	1.14
5200.0	6.48	6.46	6.45	6.41	0.08	28.54	26.72	27.98	1.17	5200.0	1.14	1.14	1.18	1.14	1.13
5250.0	6.48	6.46	6.45	6.41	0.07	28.78	27.25	28.34	1.15	5250.0	1.13	1.14	1.18	1.13	1.13
5300.0	6.48	6.47	6.44	6.41	0.07	28.86	27.82	28.63	1.13	5300.0	1.11	1.14	1.17	1.13	1.12
5350.0	6.48	6.45	6.44	6.40	0.08	28.74	28.41	28.66	1.11	5350.0	1.10	1.13	1.17	1.13	1.12
5400.0	6.48	6.46	6.44	6.42	0.07	28.53	29.05	28.62	1.10	5400.0	1.09	1.13	1.16	1.12	1.12
5450.0	6.48	6.44	6.44	6.40	0.08	28.13	29.75	28.32	1.07	5450.0	1.08	1.12	1.15	1.12	1.12
5500.0	6.48	6.45	6.44	6.42	0.06	27.79	30.48	28.08	1.04	5500.0	1.07	1.11	1.14	1.11	1.12
5550.0	6.48	6.44	6.44	6.41	0.07	27.29	31.27	27.63	1.06	5550.0	1.06	1.10	1.13	1.10	1.11
5600.0	6.48	6.44	6.44	6.42	0.06	26.95	32.07	27.32	1.02	5600.0	1.06	1.09	1.12	1.10	1.10
5700.0	6.49	6.45	6.44	6.44	0.05	26.28	33.78	26.66	1.04	5700.0	1.06	1.07	1.08	1.07	1.09
5800.0	6.50	6.45	6.44	6.44	0.06	25.87	35.42	26.19	1.11	5800.0	1.06	1.04	1.05	1.05	1.07
5900.0	6.53	6.46	6.46	6.46	0.08	25.84	36.67	26.13	1.15	5900.0	1.07	1.02	1.01	1.03	1.05
6000.0	6.56	6.48	6.48	6.49	0.08	26.21	37.04	26.44	1.20	6000.0	1.11	1.03	1.03	1.04	1.04
6100.0	6.60	6.51	6.51	6.52	0.10	27.13	36.54	27.34	1.27	6100.0	1.15	1.06	1.07	1.06	1.05
6200.0	6.63	6.53	6.53	6.54	0.11	28.71	35.60	28.91	1.26	6200.0	1.18	1.08	1.10	1.08	1.06
6300.0	6.66	6.55	6.55	6.57	0.12	31.45	34.61	31.66	1.23	6300.0	1.20	1.10	1.13	1.10	1.08
6400.0	6.69	6.57	6.56	6.60	0.13	36.30	33.76	36.63	1.25	6400.0	1.19	1.11	1.14	1.11	1.08
6500.0	6.71	6.58	6.58	6.62	0.13	43.03	33.09	42.66	1.30	6500.0	1.17	1.12	1.15	1.11	1.08
6600.0	6.72	6.59	6.59	6.64	0.14	35.93	32.62	35.45	1.32	6600.0	1.13	1.11	1.14	1.11	1.07
6650.0	6.73	6.59	6.60	6.65	0.14	32.81	32.46	32.45	1.32	6650.0	1.10	1.11	1.14	1.10	1.07
6700.0	6.74	6.60	6.60	6.66	0.14	30.49	32.36	30.19	1.32	6700.0	1.07	1.10	1.13	1.10	1.07
6750.0	6.75	6.60	6.61	6.67	0.14	28.71	32.31	28.45	1.31	6750.0	1.05	1.10	1.13	1.10	1.08
6800.0	6.76	6.62	6.62	6.68	0.14	27.19	32.31	26.97	1.37	6800.0	1.05	1.10	1.13	1.10	1.09
6850.0	6.78	6.64	6.65	6.70	0.14	25.95	32.39	25.77	1.39	6850.0	1.08	1.09	1.13	1.10	1.10
6900.0	6.81	6.67	6.67	6.73	0.14	24.93	32.50	24.77	1.43	6900.0	1.13	1.10	1.13	1.11	1.11
6950.0	6.85	6.70	6.70	6.76	0.15	24.04	32.69	23.90	1.51	6950.0	1.18	1.10	1.14	1.12	1.13
7000.0	6.89	6.75	6.75	6.81	0.14	23.31	32.93	23.21	1.53	7000.0	1.23	1.11	1.14	1.13	1.15
7050.0	6.95	6.79	6.80	6.85	0.15	22.53	33.24	22.46	1.61	7050.0	1.28	1.12	1.16	1.15	1.16
7100.0	7.00	6.86	6.86	6.92	0.14	21.93	33.61	21.90	1.65	7100.0	1.33	1.13	1.17	1.16	1.18
7300.0	7.13	6.97	7.00	7.06	0.16	20.23	35.50	20.17	1.76	7300.0	1.49	1.19	1.23	1.22	1.24
7500.0	7.06	6.89	6.94	6.96	0.18	20.15	36.74	20.21	1.89	7500.0	1.50	1.19	1.23	1.21	1.23

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. X2

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