

4 Way-0° Power Splitter/Combiner

ZB4PD-52-20W+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)				AMP UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (Deg)	FREQ. (MHz)	VSWR (:1)				
	S1	S2	S3	S4		1-2	2-3	3-4			S	1	2	3	4
10.0	6.26	6.26	6.26	6.25	0.01	38.20	34.47	37.34	0.04	10.0	1.08	1.18	1.18	1.18	1.18
30.0	6.22	6.22	6.22	6.22	0.01	39.94	37.18	39.20	0.07	30.0	1.05	1.12	1.12	1.11	1.12
50.0	6.23	6.24	6.24	6.23	0.01	39.45	38.03	38.79	0.11	50.0	1.04	1.10	1.10	1.09	1.10
70.0	6.24	6.25	6.24	6.24	0.01	38.47	38.26	37.81	0.17	70.0	1.04	1.09	1.09	1.08	1.09
90.0	6.25	6.26	6.25	6.24	0.01	37.45	38.16	36.73	0.22	90.0	1.03	1.08	1.08	1.07	1.08
100.0	6.26	6.27	6.26	6.25	0.01	36.96	38.06	36.21	0.25	100.0	1.03	1.08	1.08	1.07	1.08
125.0	6.29	6.30	6.29	6.28	0.02	35.87	37.76	35.05	0.28	125.0	1.02	1.07	1.07	1.06	1.07
150.0	6.29	6.31	6.29	6.28	0.02	34.93	37.34	34.04	0.40	150.0	1.02	1.06	1.06	1.05	1.06
175.0	6.32	6.33	6.33	6.31	0.02	34.16	36.96	33.24	0.41	175.0	1.01	1.06	1.06	1.05	1.06
200.0	6.34	6.36	6.34	6.32	0.04	33.55	36.58	32.55	0.47	200.0	1.01	1.05	1.05	1.04	1.05
225.0	6.35	6.37	6.36	6.33	0.04	33.03	36.21	32.00	0.55	225.0	1.01	1.05	1.05	1.04	1.05
250.0	6.38	6.41	6.39	6.36	0.05	32.68	35.94	31.57	0.58	250.0	1.02	1.05	1.04	1.04	1.04
275.0	6.40	6.43	6.40	6.37	0.06	32.41	35.65	31.23	0.67	275.0	1.03	1.05	1.05	1.04	1.05
300.0	6.43	6.46	6.45	6.39	0.07	32.27	35.43	31.01	0.70	300.0	1.03	1.06	1.05	1.05	1.05
325.0	6.45	6.50	6.45	6.41	0.09	32.24	35.29	30.86	0.74	325.0	1.04	1.07	1.06	1.06	1.05
350.0	6.47	6.52	6.49	6.42	0.10	32.29	35.14	30.75	0.84	350.0	1.05	1.07	1.06	1.06	1.06
375.0	6.51	6.56	6.53	6.45	0.11	32.48	35.10	30.73	0.83	375.0	1.06	1.08	1.07	1.07	1.06
400.0	6.54	6.60	6.53	6.46	0.14	32.73	35.09	30.68	0.93	400.0	1.07	1.09	1.08	1.08	1.07
420.0	6.56	6.62	6.58	6.48	0.14	33.00	35.11	30.66	0.97	420.0	1.08	1.10	1.09	1.09	1.08
435.0	6.60	6.66	6.61	6.50	0.16	33.23	35.18	30.63	0.93	435.0	1.08	1.10	1.09	1.09	1.08
450.0	6.61	6.69	6.61	6.51	0.18	33.47	35.27	30.54	0.94	450.0	1.09	1.11	1.10	1.10	1.08
465.0	6.63	6.71	6.62	6.51	0.20	33.66	35.35	30.38	1.06	465.0	1.09	1.11	1.10	1.10	1.09
480.0	6.65	6.73	6.66	6.52	0.20	33.84	35.45	30.20	1.15	480.0	1.10	1.12	1.10	1.10	1.09
500.0	6.70	6.78	6.71	6.56	0.22	33.96	35.66	29.87	1.02	500.0	1.10	1.12	1.11	1.11	1.09

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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ZB4PD-52-20W+
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