

3 Way-0° Power Splitter/Combiner

ZB3PD2-ED13401

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
350.0	5.00	5.63	4.99	0.64	17.39	15.35	18.88	0.15	350.0	1.49	1.24	1.18	1.23
500.0	4.89	5.50	4.86	0.64	38.61	18.44	32.96	0.58	500.0	1.16	1.13	1.17	1.09
750.0	5.07	5.69	5.04	0.65	20.68	21.89	20.26	1.08	750.0	1.43	1.07	1.07	1.03
1000.0	4.99	5.66	4.99	0.68	28.09	25.70	33.36	1.84	1000.0	1.18	1.23	1.27	1.18
1250.0	5.26	5.93	5.24	0.69	23.34	30.06	21.16	2.74	1250.0	1.57	1.31	1.47	1.25
1500.0	5.09	5.72	5.06	0.65	23.87	31.98	21.17	3.53	1500.0	1.15	1.13	1.40	1.17
1750.0	5.35	5.96	5.35	0.62	26.52	31.43	33.63	4.41	1750.0	1.60	1.54	1.89	1.50
2000.0	5.16	5.71	5.18	0.54	20.46	26.97	22.00	4.88	2000.0	1.01	1.28	1.68	1.27
2250.0	5.40	5.89	5.41	0.49	30.30	28.92	28.22	5.23	2250.0	1.45	1.29	1.79	1.39
2500.0	5.30	5.75	5.31	0.45	22.06	27.97	24.52	5.76	2500.0	1.09	1.18	1.53	1.13
2750.0	5.49	5.88	5.50	0.39	20.94	27.76	27.44	6.20	2750.0	1.46	1.16	1.56	1.23
3000.0	5.48	5.67	5.37	0.30	29.43	31.29	26.51	7.05	3000.0	1.03	1.13	1.28	1.03
3250.0	5.56	5.70	5.58	0.14	28.34	29.94	20.89	7.56	3250.0	1.31	1.09	1.16	1.15
3500.0	5.52	5.59	5.61	0.09	36.55	31.24	24.30	7.30	3500.0	1.02	1.16	1.11	1.12
3750.0	5.64	5.59	5.70	0.11	26.41	31.12	23.59	7.36	3750.0	1.20	1.19	1.19	1.12
4000.0	5.70	5.56	5.79	0.23	24.36	29.83	21.74	6.88	4000.0	1.15	1.18	1.21	1.29
4250.0	5.76	5.52	5.85	0.33	29.71	34.52	27.11	6.26	4250.0	1.11	1.26	1.35	1.22
4500.0	5.83	5.63	5.92	0.29	24.36	28.19	24.16	5.45	4500.0	1.14	1.19	1.50	1.23
4750.0	5.94	5.65	6.04	0.39	32.71	26.09	29.52	5.21	4750.0	1.21	1.24	1.46	1.26
5000.0	6.10	5.62	6.18	0.57	23.69	30.00	24.15	4.48	5000.0	1.16	1.30	1.51	1.27
5250.0	6.29	5.73	6.43	0.71	23.61	39.99	23.16	2.13	5250.0	1.38	1.58	1.44	1.62
5500.0	6.24	5.85	6.30	0.45	20.28	26.27	20.50	1.31	5500.0	1.23	1.34	1.54	1.36
5600.0	6.41	6.19	6.50	0.31	16.79	24.87	16.74	1.82	5600.0	1.57	1.32	1.45	1.32
5800.0	6.34	6.60	6.43	0.26	14.91	26.23	14.38	1.13	5800.0	1.78	1.44	1.40	1.42
5900.0	6.07	6.47	6.17	0.40	16.14	32.73	15.38	1.23	5900.0	1.51	1.38	1.56	1.43
5920.0	6.05	6.45	6.12	0.40	16.60	34.01	15.79	1.56	5920.0	1.44	1.40	1.58	1.48
5940.0	6.05	6.44	6.08	0.39	17.05	33.24	16.21	1.93	5940.0	1.39	1.44	1.61	1.50
5960.0	6.04	6.43	6.05	0.39	17.49	31.28	16.62	2.29	5960.0	1.36	1.47	1.65	1.50
5980.0	6.04	6.43	6.05	0.39	17.94	29.29	17.04	2.69	5980.0	1.35	1.51	1.71	1.51
6000.0	6.04	6.43	6.08	0.39	18.42	27.41	17.50	3.05	6000.0	1.36	1.54	1.79	1.55
6040.0	6.09	6.40	6.14	0.32	19.05	23.92	18.21	3.70	6040.0	1.41	1.65	1.93	1.73
6080.0	6.15	6.31	6.15	0.16	18.46	21.21	17.84	4.35	6080.0	1.40	1.78	1.98	1.86
6120.0	6.18	6.20	6.19	0.02	17.29	19.47	16.89	5.06	6120.0	1.36	1.89	1.95	1.91
6160.0	6.20	6.06	6.27	0.21	16.04	18.11	15.82	5.09	6160.0	1.31	1.96	1.92	2.04

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. X2

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