

3 Way-0° Power Splitter/Combiner

ZB3PD-ED13190/3

Typical Performance Data

FREQ.	TOTAL LOSS ¹			AMP UNBAL.	ISOLATION			PHASE UNBAL.	FREQ.	VSWR			
(MHz)	(dB)			(dB)	(dB)			(Deg)	(MHz)	(:1)			
	S1	S2	S3		1-2	1-3	2-3			S	1	2	3
500.0	5.50	5.12	5.53	0.41	15.05	16.83	15.17	2.20	500.0	1.94	1.50	1.06	1.51
550.0	5.40	5.02	5.43	0.41	16.04	17.66	16.16	2.35	550.0	1.80	1.44	1.04	1.45
650.0	5.24	4.86	5.27	0.40	18.53	19.25	18.66	2.72	650.0	1.55	1.32	1.06	1.33
750.0	5.13	4.76	5.15	0.39	22.08	20.78	22.19	3.13	750.0	1.34	1.23	1.08	1.24
800.0	5.10	4.73	5.12	0.39	24.48	21.56	24.57	3.34	800.0	1.25	1.19	1.08	1.19
900.0	5.07	4.71	5.09	0.38	32.01	23.01	31.87	3.77	900.0	1.10	1.12	1.09	1.12
1000.0	5.08	4.73	5.10	0.37	36.73	24.37	37.65	4.23	1000.0	1.04	1.08	1.07	1.08
1100.0	5.10	4.77	5.12	0.35	29.16	25.62	29.97	4.67	1100.0	1.12	1.06	1.05	1.07
1200.0	5.13	4.81	5.15	0.34	25.85	26.82	26.59	5.14	1200.0	1.18	1.06	1.04	1.08
1300.0	5.15	4.84	5.18	0.34	24.42	28.19	25.14	5.57	1300.0	1.21	1.06	1.03	1.09
1400.0	5.16	4.86	5.19	0.33	24.00	29.71	24.73	5.97	1400.0	1.22	1.07	1.04	1.09
1500.0	5.17	4.86	5.19	0.33	24.33	31.53	25.02	6.34	1500.0	1.20	1.08	1.05	1.09
1550.0	5.17	4.86	5.18	0.33	24.69	32.46	25.36	6.50	1550.0	1.19	1.08	1.05	1.08
1600.0	5.17	4.86	5.18	0.32	25.10	33.30	25.73	6.65	1600.0	1.17	1.08	1.05	1.07
1650.0	5.17	4.86	5.18	0.32	25.58	33.86	26.11	6.78	1650.0	1.16	1.08	1.05	1.07
1700.0	5.17	4.86	5.18	0.31	26.04	34.11	26.47	6.94	1700.0	1.15	1.08	1.04	1.06
1750.0	5.18	4.87	5.18	0.31	26.48	33.98	26.74	7.04	1750.0	1.14	1.08	1.04	1.05
1800.0	5.18	4.88	5.18	0.30	26.72	33.60	26.89	7.17	1800.0	1.15	1.08	1.03	1.05
1850.0	5.19	4.89	5.18	0.30	27.01	33.07	27.00	7.29	1850.0	1.15	1.07	1.02	1.04
1900.0	5.19	4.90	5.19	0.28	27.06	32.23	27.00	7.40	1900.0	1.16	1.06	1.01	1.03
1950.0	5.20	4.93	5.20	0.27	27.20	31.62	27.09	7.54	1950.0	1.17	1.05	1.01	1.02
2000.0	5.20	4.95	5.20	0.25	27.27	30.74	27.21	7.77	2000.0	1.17	1.04	1.02	1.01
2050.0	5.22	4.95	5.22	0.27	27.73	30.23	27.60	8.06	2050.0	1.17	1.02	1.03	1.01
2100.0	5.21	4.94	5.20	0.27	27.57	29.46	27.22	7.94	2100.0	1.17	1.01	1.05	1.02
2150.0	5.20	4.96	5.19	0.24	27.55	28.62	27.20	7.97	2150.0	1.16	1.02	1.06	1.03
2200.0	5.19	4.98	5.18	0.21	27.43	27.68	27.08	8.00	2200.0	1.14	1.04	1.07	1.04
2250.0	5.19	5.01	5.17	0.18	27.01	26.72	26.67	8.07	2250.0	1.12	1.07	1.08	1.06
2300.0	5.18	5.03	5.17	0.15	26.21	25.70	25.88	8.14	2300.0	1.12	1.09	1.08	1.08
2350.0	5.18	5.07	5.17	0.11	25.06	24.61	24.75	8.16	2350.0	1.12	1.12	1.08	1.10
2400.0	5.18	5.11	5.17	0.07	23.63	23.55	23.32	8.23	2400.0	1.15	1.14	1.09	1.12
2450.0	5.18	5.16	5.19	0.03	22.17	22.47	21.85	8.17	2450.0	1.20	1.17	1.08	1.14
2500.0	5.19	5.23	5.21	0.03	20.67	21.44	20.35	8.24	2500.0	1.26	1.20	1.08	1.17
2550.0	5.21	5.31	5.25	0.10	19.31	20.43	19.00	8.21	2550.0	1.35	1.23	1.08	1.20
2600.0	5.24	5.41	5.31	0.17	18.04	19.46	17.71	8.27	2600.0	1.44	1.26	1.08	1.24
2650.0	5.27	5.52	5.38	0.25	16.90	18.52	16.58	8.24	2650.0	1.55	1.30	1.08	1.28
2750.0	5.35	5.80	5.57	0.45	14.97	16.71	14.65	8.40	2750.0	1.79	1.38	1.11	1.39
2850.0	5.43	6.14	5.80	0.71	13.50	14.89	13.18	8.73	2850.0	2.06	1.48	1.16	1.53

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



REV. X2

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IF/RF MICROWAVE COMPONENTS

ZB3PD-ED13190/3

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Page 1 of 1