

4 Way-0° Power Splitter/Combiner

ZB4PD1-5.8+

Typical Performance Data

FREQ.	TOTAL LOSS ¹				AMP. UNBAL.	ISOLATION			PHASE UNBAL.	FREQ.	VSWR				
(MHz)	(dB)				(dB)	(dB)			(deg.)	(MHz)	(:1)				
	S-1	S-2	S-3	S-4		1-2	2-3	3-4			S	1	2	3	4
4600.0	6.40	6.41	6.38	6.42	0.03	19.66	28.03	19.54	1.76	4600.0	1.26	1.18	1.19	1.18	1.20
4630.0	6.34	6.39	6.38	6.37	0.05	19.99	28.41	19.87	1.59	4630.0	1.19	1.19	1.20	1.18	1.20
4660.0	6.43	6.45	6.43	6.46	0.03	20.27	28.73	20.12	1.72	4660.0	1.20	1.24	1.25	1.23	1.26
4690.0	6.40	6.41	6.39	6.41	0.02	20.38	28.86	20.21	1.81	4690.0	1.23	1.17	1.18	1.17	1.19
4720.0	6.41	6.44	6.45	6.45	0.04	20.80	29.33	20.63	1.70	4720.0	1.14	1.18	1.18	1.16	1.18
4750.0	6.37	6.40	6.38	6.40	0.03	21.10	29.65	20.88	1.75	4750.0	1.13	1.24	1.25	1.23	1.25
4780.0	6.42	6.45	6.42	6.43	0.03	21.37	30.01	21.11	1.88	4780.0	1.16	1.19	1.20	1.18	1.20
4810.0	6.35	6.37	6.39	6.39	0.04	21.63	30.41	21.39	1.75	4810.0	1.09	1.19	1.19	1.17	1.19
4840.0	6.40	6.42	6.40	6.43	0.04	22.03	30.75	21.71	1.63	4840.0	1.10	1.24	1.24	1.23	1.25
4870.0	6.51	6.53	6.50	6.52	0.02	22.41	31.28	22.07	2.00	4870.0	1.12	1.17	1.18	1.16	1.18
4900.0	6.29	6.31	6.32	6.32	0.04	22.54	31.50	22.16	1.70	4900.0	1.04	1.18	1.18	1.16	1.18
4930.0	6.37	6.43	6.43	6.44	0.07	23.07	32.14	22.64	1.69	4930.0	1.10	1.24	1.25	1.23	1.25
4960.0	6.64	6.65	6.63	6.66	0.03	23.68	32.83	23.19	1.84	4960.0	1.10	1.16	1.17	1.15	1.17
4990.0	6.23	6.24	6.24	6.25	0.03	23.55	32.90	23.06	1.87	4990.0	1.02	1.17	1.17	1.15	1.17
5020.0	6.51	6.55	6.55	6.55	0.04	24.36	33.81	23.79	1.78	5020.0	1.12	1.25	1.25	1.23	1.25
5050.0	6.58	6.60	6.58	6.59	0.02	24.85	34.38	24.18	1.85	5050.0	1.11	1.16	1.16	1.15	1.17
5080.0	6.18	6.21	6.21	6.21	0.03	24.71	34.50	24.05	1.78	5080.0	1.04	1.16	1.16	1.13	1.15
5110.0	6.68	6.71	6.73	6.73	0.05	25.76	35.59	25.04	1.74	5110.0	1.15	1.25	1.25	1.23	1.25
5140.0	6.54	6.57	6.52	6.58	0.06	26.12	36.07	25.29	1.89	5140.0	1.14	1.17	1.17	1.15	1.18
5170.0	6.32	6.37	6.34	6.36	0.05	26.15	36.21	25.28	1.95	5170.0	1.06	1.15	1.14	1.12	1.14
5200.0	6.62	6.65	6.65	6.66	0.04	26.98	36.94	26.06	1.79	5200.0	1.17	1.26	1.25	1.22	1.25
5230.0	6.53	6.56	6.54	6.57	0.03	27.41	37.04	26.40	1.88	5230.0	1.17	1.19	1.19	1.17	1.20
5260.0	6.45	6.49	6.47	6.50	0.05	27.67	37.04	26.55	1.93	5260.0	1.09	1.15	1.15	1.12	1.15
5290.0	6.56	6.58	6.58	6.61	0.05	28.26	37.00	27.10	1.85	5290.0	1.18	1.25	1.25	1.22	1.25
5320.0	6.58	6.60	6.58	6.62	0.05	28.81	36.92	27.55	2.03	5320.0	1.19	1.19	1.18	1.17	1.20
5350.0	6.58	6.60	6.58	6.63	0.05	29.13	36.46	27.79	2.12	5350.0	1.09	1.16	1.15	1.13	1.15
5380.0	6.38	6.41	6.42	6.45	0.07	29.20	35.82	27.85	2.16	5380.0	1.18	1.28	1.27	1.24	1.27
5410.0	6.72	6.74	6.74	6.78	0.06	29.94	35.63	28.45	2.09	5410.0	1.22	1.24	1.23	1.21	1.24
5440.0	6.52	6.54	6.55	6.57	0.05	30.05	34.80	28.52	2.23	5440.0	1.13	1.17	1.16	1.14	1.17
5470.0	6.53	6.54	6.57	6.59	0.05	30.11	34.05	28.56	2.23	5470.0	1.14	1.25	1.25	1.23	1.25
5500.0	6.71	6.73	6.75	6.79	0.07	30.41	33.56	28.83	2.18	5500.0	1.18	1.23	1.22	1.21	1.24
5530.0	6.58	6.59	6.60	6.61	0.03	30.30	32.82	28.75	2.37	5530.0	1.11	1.19	1.19	1.17	1.19
5560.0	6.44	6.45	6.46	6.46	0.03	30.01	32.06	28.39	2.41	5560.0	1.11	1.27	1.26	1.25	1.27
5590.0	6.69	6.72	6.73	6.74	0.05	30.09	31.76	28.55	2.11	5590.0	1.15	1.25	1.24	1.23	1.25
5620.0	6.55	6.58	6.58	6.56	0.03	29.76	31.11	28.27	2.13	5620.0	1.10	1.19	1.18	1.17	1.19
5650.0	6.54	6.56	6.55	6.56	0.02	29.25	30.43	27.87	2.11	5650.0	1.06	1.25	1.24	1.22	1.24
5680.0	6.67	6.66	6.63	6.65	0.04	28.98	30.10	27.65	2.16	5680.0	1.09	1.22	1.21	1.21	1.22
5710.0	6.52	6.53	6.51	6.52	0.02	28.38	29.50	27.10	2.18	5710.0	1.07	1.22	1.21	1.19	1.21
5740.0	6.44	6.47	6.44	6.44	0.03	27.63	28.86	26.47	2.15	5740.0	1.03	1.28	1.27	1.26	1.28
5770.0	6.66	6.67	6.63	6.66	0.04	27.38	28.78	26.30	2.20	5770.0	1.09	1.23	1.21	1.21	1.22
5800.0	6.51	6.51	6.46	6.48	0.05	26.70	28.28	25.70	2.02	5800.0	1.16	1.20	1.19	1.17	1.19

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS



REV. X2
ZB4PD1-5.8+
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