

4 Way-0° Power Splitter/Combiner

ZB4PD-1750-75+

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	S-4		1-2	2-3	3-4			S	1	2	3	4
875.0	6.37	6.36	6.38	6.34	0.04	24.97	24.71	24.41	1.48	875.0	1.40	1.06	1.05	1.07	1.06
880.0	6.35	6.36	6.38	6.33	0.04	25.40	24.85	24.83	1.46	880.0	1.40	1.06	1.05	1.07	1.07
885.0	6.36	6.36	6.37	6.32	0.06	25.75	24.77	24.94	1.47	885.0	1.40	1.06	1.06	1.07	1.07
890.0	6.34	6.38	6.38	6.33	0.05	26.16	25.07	25.39	1.60	890.0	1.40	1.07	1.06	1.08	1.07
895.0	6.35	6.36	6.33	6.31	0.04	26.42	25.45	25.74	1.55	895.0	1.39	1.07	1.06	1.08	1.08
900.0	6.32	6.33	6.36	6.32	0.04	27.17	25.37	26.22	1.63	900.0	1.38	1.07	1.07	1.09	1.08
905.0	6.32	6.35	6.35	6.28	0.07	27.51	25.58	26.58	1.56	905.0	1.37	1.08	1.08	1.09	1.09
925.0	6.31	6.33	6.35	6.27	0.08	29.42	26.08	28.11	1.41	925.0	1.33	1.12	1.11	1.13	1.12
950.0	6.31	6.34	6.33	6.31	0.03	31.72	26.93	30.20	1.35	950.0	1.30	1.16	1.15	1.16	1.15
975.0	6.29	6.33	6.31	6.27	0.07	34.84	27.12	32.68	1.44	975.0	1.26	1.17	1.17	1.18	1.17
1000.0	6.27	6.26	6.30	6.25	0.05	38.00	28.07	35.19	1.54	1000.0	1.20	1.20	1.19	1.20	1.19
1025.0	6.27	6.30	6.30	6.24	0.06	42.51	28.75	38.74	1.37	1025.0	1.13	1.23	1.23	1.23	1.22
1050.0	6.24	6.26	6.28	6.21	0.07	49.15	29.28	40.73	1.67	1050.0	1.08	1.25	1.25	1.25	1.24
1075.0	6.23	6.24	6.27	6.21	0.06	49.02	29.92	41.27	1.56	1075.0	1.04	1.26	1.26	1.26	1.25
1100.0	6.23	6.24	6.28	6.23	0.05	45.83	30.58	41.43	1.62	1100.0	1.02	1.28	1.28	1.28	1.27
1125.0	6.25	6.28	6.30	6.21	0.08	43.06	31.39	40.26	1.76	1125.0	1.08	1.29	1.30	1.30	1.29
1150.0	6.24	6.25	6.27	6.21	0.06	40.51	31.69	39.27	1.69	1150.0	1.13	1.30	1.31	1.31	1.30
1175.0	6.26	6.27	6.30	6.24	0.06	40.47	32.24	37.46	1.93	1175.0	1.17	1.31	1.31	1.31	1.30
1200.0	6.31	6.32	6.35	6.28	0.07	38.40	32.38	36.29	1.91	1200.0	1.22	1.31	1.32	1.32	1.31
1225.0	6.31	6.34	6.32	6.27	0.08	37.05	32.39	35.47	1.88	1225.0	1.26	1.32	1.33	1.33	1.32
1250.0	6.29	6.32	6.34	6.28	0.06	35.18	32.62	33.18	2.01	1250.0	1.29	1.30	1.31	1.31	1.30
1275.0	6.36	6.40	6.37	6.35	0.05	33.27	32.90	32.27	2.09	1275.0	1.30	1.28	1.28	1.29	1.28
1300.0	6.35	6.38	6.38	6.36	0.03	31.50	33.70	30.58	2.03	1300.0	1.33	1.26	1.27	1.27	1.26
1325.0	6.38	6.36	6.38	6.33	0.06	30.20	33.44	29.35	1.98	1325.0	1.32	1.24	1.24	1.25	1.23
1350.0	6.37	6.37	6.39	6.32	0.07	28.77	33.83	27.88	1.81	1350.0	1.31	1.20	1.20	1.22	1.20
1375.0	6.35	6.35	6.39	6.36	0.04	27.08	33.97	27.14	1.87	1375.0	1.30	1.19	1.19	1.21	1.19
1400.0	6.38	6.37	6.40	6.35	0.05	26.67	34.37	25.92	1.97	1400.0	1.27	1.18	1.18	1.20	1.18
1425.0	6.35	6.35	6.41	6.36	0.06	25.74	34.10	25.55	2.12	1425.0	1.23	1.16	1.16	1.18	1.16
1450.0	6.35	6.36	6.39	6.35	0.04	24.89	34.28	24.95	2.16	1450.0	1.20	1.15	1.15	1.18	1.16
1475.0	6.35	6.33	6.39	6.37	0.06	24.46	34.49	24.34	2.22	1475.0	1.17	1.14	1.15	1.17	1.15
1500.0	6.34	6.35	6.40	6.36	0.05	24.22	34.36	24.08	2.23	1500.0	1.12	1.13	1.13	1.16	1.15
1525.0	6.36	6.31	6.36	6.34	0.05	23.84	35.34	23.97	2.37	1525.0	1.10	1.13	1.13	1.16	1.14
1550.0	6.35	6.31	6.38	6.37	0.07	23.89	35.81	23.86	2.34	1550.0	1.08	1.12	1.13	1.15	1.13
1575.0	6.36	6.32	6.37	6.36	0.06	23.96	35.67	23.85	2.51	1575.0	1.08	1.11	1.12	1.14	1.12
1600.0	6.36	6.31	6.40	6.36	0.09	24.11	34.86	24.14	2.45	1600.0	1.10	1.11	1.11	1.13	1.12
1625.0	6.37	6.33	6.35	6.37	0.04	24.41	35.99	24.42	2.38	1625.0	1.13	1.11	1.11	1.12	1.11
1650.0	6.39	6.35	6.40	6.39	0.04	24.99	36.23	25.31	2.50	1650.0	1.15	1.12	1.12	1.12	1.11
1675.0	6.43	6.42	6.43	6.43	0.01	25.75	36.67	25.82	2.73	1675.0	1.16	1.12	1.12	1.12	1.11
1700.0	6.50	6.41	6.44	6.48	0.09	26.37	36.47	26.39	2.79	1700.0	1.19	1.13	1.12	1.10	1.10
1725.0	6.50	6.40	6.45	6.53	0.13	26.76	36.91	27.04	2.57	1725.0	1.21	1.14	1.13	1.11	1.12
1750.0	6.58	6.45	6.49	6.56	0.13	26.93	36.98	26.99	2.66	1750.0	1.20	1.16	1.14	1.12	1.13

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

REV. X2
ZB4PD-1750-75+
100627
Page 1 of 1

Mini-Circuits®

IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



Patent Pending

The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

