

2 Way-0° Power Splitter/Combiner

ZAPD-ED7833/1

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	1	2
300.0	3.29	3.33	0.03	13.78	0.17	300.0	1.64	1.08	1.10
350.0	3.22	3.26	0.04	15.89	0.13	350.0	1.54	1.09	1.11
400.0	3.18	3.21	0.02	18.45	0.10	400.0	1.45	1.12	1.14
450.0	3.16	3.20	0.04	21.68	0.07	450.0	1.36	1.14	1.16
500.0	3.14	3.18	0.04	25.87	0.08	500.0	1.28	1.15	1.16
600.0	3.14	3.17	0.03	30.90	0.06	600.0	1.14	1.12	1.13
700.0	3.14	3.17	0.03	25.83	0.05	700.0	1.08	1.08	1.08
800.0	3.15	3.19	0.04	24.81	0.05	800.0	1.12	1.07	1.07
900.0	3.16	3.19	0.03	27.18	0.04	900.0	1.16	1.11	1.10
1000.0	3.17	3.20	0.03	35.53	0.00	1000.0	1.15	1.13	1.12
1100.0	3.19	3.22	0.03	34.41	0.05	1100.0	1.10	1.11	1.11
1200.0	3.17	3.19	0.02	27.02	0.05	1200.0	1.06	1.08	1.09
1300.0	3.15	3.18	0.03	25.01	0.07	1300.0	1.11	1.10	1.10
1400.0	3.19	3.21	0.02	26.12	0.06	1400.0	1.17	1.14	1.12
1500.0	3.23	3.24	0.01	30.78	0.05	1500.0	1.18	1.13	1.11
1600.0	3.22	3.23	0.01	31.26	0.01	1600.0	1.16	1.08	1.06
1700.0	3.18	3.19	0.01	25.50	0.00	1700.0	1.20	1.02	1.07
1800.0	3.18	3.16	0.02	23.38	0.09	1800.0	1.28	1.12	1.14
1900.0	3.24	3.19	0.05	25.06	0.12	1900.0	1.29	1.20	1.19
2000.0	3.32	3.24	0.08	34.73	0.05	2000.0	1.19	1.21	1.16
2050.0	3.34	3.25	0.09	29.51	0.03	2050.0	1.14	1.18	1.13
2100.0	3.33	3.20	0.13	22.76	0.16	2100.0	1.19	1.13	1.10
2150.0	3.33	3.22	0.11	18.56	0.02	2150.0	1.35	1.08	1.12
2200.0	3.31	3.15	0.16	15.49	0.52	2200.0	1.58	1.05	1.18
2250.0	3.46	3.27	0.19	13.19	0.09	2250.0	1.87	1.08	1.26

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2
ZAPD-ED7833/1
100707
Page 1 of 1