

12 Way-0°Power Splitter/CombinerZN12PD-ED11392/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)	AMP. UNBAL. (dB)	ISOLATION (dB)		PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)	
			Adjacent	Opposite			S	OUTPUTS
500.0	11.07	0.45	9.09	19.85	1.46	500.0	1.41	1.24
550.0	11.10	0.42	10.20	20.99	1.43	550.0	1.45	1.24
600.0	11.08	0.40	11.18	22.41	1.65	600.0	1.41	1.22
650.0	11.07	0.39	12.14	23.88	1.88	650.0	1.36	1.21
700.0	11.10	0.37	13.17	25.29	2.15	700.0	1.39	1.20
750.0	11.19	0.35	14.19	26.74	2.20	750.0	1.50	1.19
800.0	11.30	0.33	15.14	28.37	2.36	800.0	1.64	1.18
825.0	11.35	0.33	15.57	29.32	2.41	825.0	1.70	1.17
850.0	11.39	0.32	15.98	30.39	2.52	850.0	1.74	1.16
875.0	11.41	0.32	16.37	31.60	2.53	875.0	1.76	1.16
900.0	11.41	0.32	16.76	33.00	2.56	900.0	1.75	1.14
925.0	11.39	0.32	17.15	34.67	2.70	925.0	1.73	1.13
950.0	11.36	0.32	17.55	36.72	2.75	950.0	1.67	1.12
975.0	11.32	0.32	18.00	39.34	2.91	975.0	1.61	1.11
1000.0	11.27	0.32	18.49	42.57	2.96	1000.0	1.54	1.10
1025.0	11.22	0.33	19.05	45.53	2.90	1025.0	1.45	1.10
1050.0	11.18	0.33	19.68	44.62	3.00	1050.0	1.38	1.09
1100.0	11.14	0.33	21.23	38.77	3.07	1100.0	1.26	1.09
1200.0	11.16	0.33	25.22	33.25	3.15	1200.0	1.26	1.10
1300.0	11.20	0.32	28.91	31.83	3.15	1300.0	1.27	1.10
1400.0	11.20	0.28	29.44	32.36	3.31	1400.0	1.12	1.09
1500.0	11.25	0.23	27.39	33.34	3.29	1500.0	1.12	1.09
1600.0	11.31	0.20	25.65	33.09	3.54	1600.0	1.24	1.09
1800.0	11.30	0.15	24.77	30.69	4.08	1800.0	1.13	1.07
2000.0	11.36	0.17	26.54	26.26	4.96	2000.0	1.07	1.03
2225.0	11.67	0.32	27.41	23.65	5.66	2225.0	1.40	1.03
2250.0	11.66	0.32	28.38	23.64	5.75	2250.0	1.38	1.03
2275.0	11.65	0.31	29.92	23.65	5.83	2275.0	1.34	1.03
2300.0	11.64	0.31	32.29	23.70	5.94	2300.0	1.29	1.03
2325.0	11.62	0.30	35.46	23.71	6.03	2325.0	1.23	1.04
2350.0	11.61	0.29	36.36	23.69	6.08	2350.0	1.17	1.06
2375.0	11.61	0.28	32.52	23.57	6.13	2375.0	1.16	1.08
2400.0	11.64	0.27	28.56	23.35	6.19	2400.0	1.23	1.10
2425.0	11.70	0.27	25.50	23.01	6.21	2425.0	1.35	1.13
2450.0	11.80	0.26	23.16	22.56	6.16	2450.0	1.50	1.15
2475.0	11.92	0.26	21.30	22.05	6.07	2475.0	1.67	1.18
2500.0	12.07	0.26	19.82	21.48	5.96	2500.0	1.85	1.20
2525.0	12.21	0.27	18.61	20.91	5.84	2525.0	2.03	1.23
2550.0	12.34	0.28	17.63	20.35	5.73	2550.0	2.19	1.25
2575.0	12.46	0.29	16.83	19.82	5.61	2575.0	2.34	1.27
2600.0	12.54	0.30	16.17	19.34	5.49	2600.0	2.43	1.28

¹ Total Loss = Insertion Loss + 10.8dB Splitter Loss

REV. X2

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