6 Way-0° Power Splitter/Combiner ZN6PD-272HP+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS[1] (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)
	S-1	S-3	S-5		1-2	1-3	4-5	
500	9.05	8.93	8.67	0.38	15.52	17.67	15.54	0.53
550	8.81	8.70	8.43	0.38	16.96	18.15	16.94	0.53
600	8.53	8.42	8.15	0.38	19.25	18.88	19.18	0.57
650	8.31	8.21	7.93	0.38	22.50	20.20	22.35	0.62
700	8.22	8.13	7.85	0.37	25.54	22.26	25.14	0.68
750	8.22	8.13	7.86	0.36	26.01	25.18	25.31	0.75
800	8.26	8.17	7.91	0.36	25.49	28.89	24.65	0.83
850	8.29	8.20	7.94	0.35	25.88	33.05	24.86	0.96
900	8.29	8.20	7.95	0.34	27.91	34.47	26.52	1.00
950	8.29	8.20	7.95	0.34	32.50	32.78	30.25	1.00
1000	8.30	8.21	7.96	0.35	43.12	31.32	39.30	1.00
1050	8.32	8.23	7.97	0.35	35.28	30.49	41.04	1.07
1100	8.34	8.24	7.98	0.35	29.81	30.00	31.90	1.12
1150	8.34	8.25	7.99	0.35	27.41	29.55	28.62	1.19
1200	8.35	8.26	8.00	0.35	26.67	29.13	27.45	1.22
1250	8.36	8.27	8.01	0.35	27.13	28.75	27.68	1.26
1300	8.36	8.28	8.03	0.33	28.87	28.35	29.24	1.31
1350	8.37	8.29	8.04	0.33	32.51	28.02	32.77	1.35
1400	8.38	8.31	8.06	0.32	41.12	27.70	41.65	1.35
1450	8.39	8.32	8.08	0.31	43.55	27.53	42.17	1.40
1500	8.41	8.35	8.11	0.31	33.65	27.51	32.73	1.41
1550	8.44	8.38	8.13	0.30	29.74	27.62	28.76	1.43
1600	8.46	8.40	8.16	0.29	27.59	27.79	26.48	1.48
1700	8.49	8.43	8.20	0.29	25.19	27.69	24.02	1.64
1800	8.55	8.49	8.26	0.29	23.65	27.10	22.60	1.70
1900	8.57	8.51	8.28	0.28	24.11	27.63	22.93	1.84
2000	8.57	8.50	8.28	0.28	27.79	30.88	26.20	1.82
2100	8.60	8.53	8.30	0.29	27.75	39.58	28.60	1.79
2200	8.65	8.59	8.36	0.28	24.43	32.66	24.99	1.61
2300	8.63	8.58	8.38	0.26	25.65	28.49	25.32	1.42
2400	8.61	8.56	8.40	0.20	33.75	28.35	31.00	1.39
2500	8.62	8.60	8.46	0.16	35.06	31.14	33.65	1.44
2600	8.65	8.66	8.54	0.16	28.92	37.95	28.30	1.39
2650	8.67	8.70	8.60	0.19	27.76	47.04	26.63	1.35
2700	8.70	8.74	8.65	0.22	27.65	38.05	25.84	1.29
2750	8.72	8.77	8.70	0.26	29.56	30.05	26.67	1.21
2800	8.79	8.85	8.80	0.31	36.28	25.00	30.84	1.25
2850	9.00	9.08	9.04	0.37	30.62	21.41	36.59	1.22
2900	9.44	9.51	9.51	0.43	22.48	18.93	24.46	1.26

FREQ. (MHz)	VSWR (:1)		
	S	1	6
500	2.45	1.21	1.21
550	2.15	1.17	1.17
600	1.76	1.12	1.12
650	1.39	1.09	1.08
700	1.12	1.07	1.06
750	1.07	1.08	1.07
800	1.19	1.10	1.08
850	1.24	1.11	1.10
900	1.23	1.13	1.11
950	1.19	1.14	1.11
1000	1.17	1.13	1.11
1050	1.19	1.12	1.10
1100	1.21	1.10	1.09
1150	1.21	1.07	1.06
1200	1.18	1.04	1.04
1250	1.15	1.02	1.02
1300	1.11	1.03	1.03
1350	1.10	1.06	1.05
1400	1.11	1.08	1.08
1450	1.14	1.09	1.10
1500	1.17	1.10	1.11
1550	1.20	1.10	1.12
1600	1.23	1.10	1.12
1700	1.25	1.10	1.12
1800	1.26	1.11	1.12
1900	1.25	1.09	1.09
2000	1.22	1.09	1.09
2100	1.22	1.14	1.13
2200	1.26	1.15	1.14
2300	1.19	1.11	1.10
2400	1.05	1.05	1.04
2500	1.06	1.04	1.03
2600	1.13	1.05	1.04
2650	1.19	1.05	1.04
2700	1.23	1.05	1.03
2750	1.26	1.03	1.01
2800	1.35	1.05	1.06
2850	1.62	1.11	1.13
2900	2.10	1.17	1.22

[1]Total Loss = Insertion Loss + 7.8dB Splitter Loss