4 Way-0° Power Splitter/Combiner WP4-ED12616A/2_05

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS[1] (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)
	S-1	S-2	S-3	S-4		1-2	2-3	3-4	
500.0	21.78	22.07	22.04	21.75	0.32	12.32	11.88	12.57	6.69
1000.0	9.23	9.43	9.39	9.20	0.23	17.12	16.10	17.54	2.18
1215.0	7.19	7.35	7.32	7.16	0.20	25.05	22.77	26.29	1.15
1220.0	7.16	7.32	7.29	7.13	0.20	25.32	22.98	26.60	1.15
1230.0	7.11	7.27	7.23	7.08	0.20	25.87	23.40	27.27	1.11
1240.0	7.06	7.22	7.18	7.03	0.19	26.41	23.84	27.94	1.07
1250.0	7.01	7.17	7.14	6.98	0.19	26.96	24.26	28.63	1.04
1260.0	6.97	7.13	7.09	6.94	0.19	27.52	24.70	29.35	1.00
1270.0	6.93	7.09	7.05	6.90	0.19	28.06	25.12	30.06	0.96
1280.0	6.89	7.05	7.01	6.86	0.19	28.59	25.55	30.76	0.91
1290.0	6.86	7.01	6.97	6.83	0.19	29.08	25.96	31.38	0.88
1300.0	6.82	6.98	6.94	6.79	0.18	29.50	26.35	31.94	0.84
1310.0	6.80	6.95	6.91	6.76	0.18	29.85	26.70	32.34	0.80
1320.0	6.77	6.92	6.88	6.74	0.18	30.10	27.01	32.56	0.76
1330.0	6.74	6.89	6.85	6.71	0.18	30.25	27.28	32.60	0.73
1340.0	6.72	6.86	6.83	6.68	0.18	30.28	27.49	32.45	0.70
1350.0	6.69	6.84	6.80	6.66	0.18	30.21	27.64	32.13	0.66
1360.0	6.68	6.83	6.79	6.65	0.18	30.02	27.71	31.69	0.62
1370.0	6.66	6.81	6.77	6.63	0.18	29.75	27.73	31.17	0.59
1380.0	6.65	6.79	6.75	6.62	0.17	29.42	27.68	30.62	0.56
1390.0	6.63	6.77	6.73	6.60	0.17	29.05	27.57	30.03	0.53
1400.0	6.62	6.76	6.72	6.59	0.17	28.66	27.42	29.48	0.53
1420.0	6.60	6.73	6.69	6.57	0.17	27.83	26.99	28.35	0.54
1430.0	6.59	6.72	6.68	6.56	0.17	27.40	26.72	27.82	0.55
1440.0	6.58	6.71	6.67	6.55	0.17	26.98	26.44	27.32	0.55
1450.0	6.57	6.71	6.66	6.54	0.16	26.57	26.14	26.84	0.56
1460.0	6.57	6.70	6.66	6.54	0.16	26.18	25.83	26.40	0.59
1470.0	6.57	6.70	6.66	6.54	0.16	25.81	25.52	25.98	0.64
1480.0	6.57	6.69	6.65	6.54	0.16	25.44	25.21	25.58	0.68
1490.0	6.56	6.69	6.65	6.53	0.16	25.09	24.90	25.19	0.73
1500.0	6.56	6.69	6.65	6.53	0.16	24.76	24.59	24.83	0.77
1510.0	6.56	6.68	6.64	6.53	0.15	24.44	24.30	24.49	0.80
1520.0	6.56	6.68	6.64	6.53	0.15	24.14	24.01	24.17	0.84
1530.0	6.56	6.68	6.64	6.53	0.15	23.85	23.73	23.87	0.88
1540.0	6.56	6.68	6.64	6.53	0.15	23.57	23.46	23.57	0.92
1550.0	6.56	6.68	6.64	6.53	0.15	23.30	23.19	23.29	0.96
1560.0	6.57	6.68	6.64	6.53	0.15	23.03	22.93	23.01	0.99
1570.0	6.57	6.68	6.64	6.54	0.15	22.78	22.67	22.75	1.03
1580.0	6.57	6.69	6.64	6.54	0.15	22.55	22.43	22.51	1.07
1590.0	6.58	6.69	6.65	6.54	0.14	22.32	22.19	22.28	1.11
1600.0	6.59	6.70	6.66	6.56	0.14	22.11	21.97	22.06	1.16
1620.0	6.60	6.71	6.67	6.57	0.14	21.70	21.54	21.64	1.26
1630.0	6.61	6.71	6.67	6.57	0.14	21.51	21.34	21.45	1.31
1640.0	6.61	6.72	6.67	6.58	0.14	21.33	21.14	21.25	1.34
1650.0	6.62	6.72	6.68	6.59	0.14	21.15	20.95	21.08	1.37
1660.0	6.63	6.73	6.68	6.59	0.14	20.98	20.77	20.90	1.41
1700.0	6.66	6.75	6.71	6.62	0.13	20.35	20.08	20.27	1.57
1750.0	6.71	6.80	6.75	6.67	0.12	19.70	19.35	19.61	1.78
1800.0	6.76	6.83	6.79	6.72	0.12	19.14	18.71	19.04	1.94
1900.0	6.85	6.92	6.87	6.81	0.10	18.25	17.66	18.13	2.31
2000.0	6.96	7.01	6.96	6.92	0.09	17.59	16.83	17.46	2.66
3000.0	7.93	7.82	7.69	7.85	0.24	15.49	12.52	15.08	5.88
4100.0	8.55	8.40	8.25	8.33	0.30	12.79	9.89	12.25	8.64

FREQ. (MHz)	VSWR (:1)				
	S	1	2	3	4
500.0	26.74	1.72	1.62	1.66	1.73
1000.0	3.94	1.65	1.63	1.65	1.67
1215.0	1.82	1.50	1.50	1.51	1.51
1220.0	1.80	1.50	1.49	1.51	1.51
1230.0	1.74	1.49	1.49	1.50	1.50
1240.0	1.69	1.48	1.48	1.49	1.49
1250.0	1.64	1.47	1.47	1.48	1.49
1260.0	1.60	1.47	1.46	1.48	1.48
1270.0	1.55	1.46	1.46	1.47	1.47
1280.0	1.51	1.45	1.45	1.46	1.47
1290.0	1.47	1.45	1.45	1.46	1.46
1300.0	1.43	1.44	1.44	1.45	1.45
1310.0	1.40	1.44	1.44	1.44	1.45
1320.0	1.36	1.43	1.43	1.44	1.44
1330.0	1.33	1.43	1.42	1.43	1.44
1340.0	1.30	1.42	1.42	1.43	1.43
1350.0	1.27	1.42	1.41	1.42	1.43
1360.0	1.24	1.41	1.41	1.41	1.42
1370.0	1.21	1.41	1.40	1.41	1.42
1380.0	1.19	1.40	1.39	1.40	1.41
1390.0	1.17	1.40	1.39	1.40	1.41
1400.0	1.15	1.39	1.39	1.39	1.40
1420.0	1.11	1.38	1.38	1.38	1.39
1430.0	1.10	1.38	1.37	1.38	1.39
1440.0	1.10	1.38	1.37	1.37	1.39
1450.0	1.09	1.37	1.37	1.37	1.38
1460.0	1.10	1.37	1.36	1.37	1.38
1470.0	1.10	1.37	1.36	1.36	1.38
1480.0	1.11	1.36	1.35	1.36	1.37
1490.0	1.13	1.36	1.35	1.35	1.37
1500.0	1.14	1.36	1.34	1.35	1.37
1510.0	1.16	1.36	1.34	1.35	1.37
1520.0	1.17	1.35	1.34	1.34	1.37
1530.0	1.19	1.35	1.34	1.34	1.36
1540.0	1.21	1.35	1.33	1.34	1.36
1550.0	1.23	1.35	1.33	1.34	1.36
1560.0	1.25	1.35	1.33	1.33	1.36
1570.0	1.26	1.35	1.33	1.33	1.36
1580.0	1.28	1.34	1.32	1.33	1.36
1590.0	1.30	1.34	1.32	1.33	1.35
1600.0	1.32	1.34	1.32	1.32	1.35
1620.0	1.36	1.34	1.31	1.32	1.35
1630.0	1.38	1.34	1.31	1.32	1.35
1640.0	1.39	1.34	1.31	1.32	1.35
1650.0	1.41	1.34	1.31	1.32	1.35
1660.0	1.43	1.34	1.31	1.32	1.35
1700.0	1.51	1.34	1.30	1.31	1.35
1750.0	1.60	1.34	1.30	1.31	1.35
1800.0	1.68	1.34	1.30	1.31	1.35
1900.0	1.85	1.35	1.30	1.31	1.37
2000.0	2.01	1.37	1.31	1.32	1.38
3000.0	3.10	1.48	1.43	1.41	1.48
4100.0	3.71	1.56	1.62	1.56	1.46

[1]Total Loss = Insertion Loss +6dB Splitter Loss