3 Way-0° Power Splitter/Combiner AD3PS-ED7781C/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS[1] (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)
	S-1	S-2	S-3		1-2	1-3	2-3	
0.2	5.71	5.71	5.71	0.01	32.64	31.58	36.04	0.18
0.3	5.59	5.60	5.60	0.01	33.76	33.00	37.42	0.13
0.4	5.55	5.55	5.55	0.00	34.21	33.71	38.04	0.08
0.5	5.51	5.51	5.51	0.00	34.42	34.01	38.32	0.05
0.6	5.47	5.47	5.47	0.01	34.49	34.15	38.46	0.02
0.7	5.44	5.45	5.44	0.01	34.51	34.20	38.49	0.01
0.8	5.41	5.42	5.43	0.01	34.48	34.20	38.45	0.02
0.9	5.39	5.39	5.39	0.00	34.41	34.16	38.38	0.03
1.0	5.37	5.37	5.38	0.01	34.36	34.12	38.35	0.03
4.0	5.14	5.14	5.14	0.01	33.56	33.06	38.05	0.05
7.0	5.10	5.11	5.11	0.01	33.60	33.06	38.19	0.05
10.0	5.10	5.10	5.11	0.01	33.65	33.11	38.25	0.06
30.0	5.11	5.12	5.12	0.01	33.71	33.28	37.41	0.28
50.0	5.14	5.15	5.14	0.01	33.29	33.09	35.66	0.37
70.0	5.16	5.16	5.15	0.01	32.64	32.69	34.05	0.55
90.0	5.19	5.18	5.17	0.02	31.91	32.25	32.64	0.70
110.0	5.22	5.21	5.19	0.03	31.21	31.73	31.42	0.81
130.0	5.25	5.22	5.20	0.05	30.53	31.25	30.46	0.92
150.0	5.28	5.24	5.22	0.06	29.95	30.84	29.68	1.10
170.0	5.33	5.26	5.23	0.10	29.42	30.45	28.98	1.21
190.0	5.36	5.28	5.25	0.12	28.95	30.12	28.45	1.23
210.0	5.41	5.31	5.26	0.15	28.47	29.74	27.95	1.33
240.0	5.49	5.35	5.29	0.21	27.85	29.28	27.42	1.42
270.0	5.59	5.39	5.32	0.27	27.02	28.58	26.83	1.45
300.0	5.69	5.44	5.34	0.35	25.93	27.53	26.06	1.61
310.0	5.73	5.47	5.36	0.37	25.49	27.09	25.73	1.70
320.0	5.78	5.50	5.39	0.39	25.02	26.60	25.35	1.81
330.0	5.83	5.54	5.41	0.42	24.52	26.08	24.95	1.86
340.0	5.89	5.58	5.45	0.45	23.97	25.51	24.50	1.93
350.0	5.96	5.62	5.47	0.49	23.39	24.89	24.00	2.04
360.0	6.03	5.67	5.52	0.51	22.78	24.24	23.45	2.12
370.0	6.10	5.72	5.56	0.54	22.16	23.58	22.88	2.27
380.0	6.19	5.78	5.60	0.59	21.52	22.89	22.28	2.39
390.0	6.28	5.84	5.66	0.62	20.86	22.20	21.62	2.52
400.0	6.38	5.92	5.73	0.65	20.22	21.50	20.99	2.60
404.0	6.42	5.96	5.75	0.67	19.96	21.23	20.72	2.71
408.0	6.47	6.00	5.80	0.67	19.70	20.96	20.46	2.73
412.0	6.52	6.04	5.82	0.70	19.45	20.69	20.20	2.79
420.0	6.64	6.14	5.91	0.73	18.93	20.14	19.68	2.91

FREQ. (MHz)	VSWR (:1)			
	S	1	2	3
0.2	1.44	1.66	1.63	1.64
0.3	1.31	1.45	1.44	1.44
0.4	1.25	1.36	1.35	1.35
0.5	1.21	1.31	1.30	1.30
0.6	1.19	1.28	1.27	1.27
0.7	1.17	1.25	1.25	1.25
0.8	1.16	1.24	1.24	1.24
0.9	1.15	1.22	1.22	1.22
1.0	1.14	1.21	1.21	1.21
4.0	1.06	1.09	1.10	1.10
7.0	1.04	1.06	1.08	1.07
10.0	1.04	1.05	1.07	1.07
30.0	1.05	1.04	1.06	1.06
50.0	1.06	1.04	1.06	1.06
70.0	1.07	1.04	1.06	1.05
90.0	1.08	1.04	1.06	1.05
110.0	1.09	1.04	1.06	1.05
130.0	1.09	1.04	1.06	1.05
150.0	1.10	1.03	1.06	1.05
170.0	1.11	1.03	1.06	1.05
190.0	1.12	1.04	1.06	1.05
210.0	1.13	1.04	1.06	1.05
240.0	1.15	1.05	1.06	1.05
270.0	1.19	1.06	1.07	1.06
300.0	1.24	1.08	1.08	1.07
310.0	1.27	1.09	1.09	1.07
320.0	1.30	1.09	1.10	1.08
330.0	1.33	1.10	1.10	1.09
340.0	1.37	1.12	1.11	1.10
350.0	1.41	1.13	1.12	1.10
360.0	1.45	1.14	1.13	1.11
370.0	1.51	1.15	1.14	1.12
380.0	1.56	1.17	1.16	1.14
390.0	1.62	1.18	1.17	1.15
400.0	1.70	1.20	1.18	1.16
404.0	1.72	1.20	1.19	1.17
408.0	1.76	1.21	1.20	1.17
412.0	1.79	1.22	1.20	1.18
420.0	1.86	1.23	1.22	1.19

[1]Total Loss = Insertion Loss + 4.8dB Splitter Loss