

5 Way-0° Power Splitter/Combiner

ZFSC-ED11466/1

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-3	S-4	S-5		1-2	2-3	3-4	4-5	5-1			S	3
0.5	7.46	7.46	7.46	7.46	7.46	0.00	36.34	40.03	46.00	36.38	36.84	0.08	0.5	1.21	1.78
0.7	7.43	7.43	7.43	7.43	7.44	0.01	37.19	42.76	48.51	37.15	39.24	0.05	0.7	1.18	1.62
1.0	7.40	7.40	7.40	7.40	7.39	0.01	38.15	46.71	51.05	38.01	42.46	0.04	1.0	1.16	1.49
3.0	7.26	7.26	7.27	7.26	7.25	0.01	41.90	64.01	49.69	41.77	49.04	0.06	3.0	1.11	1.24
5.0	7.22	7.22	7.22	7.22	7.22	0.00	43.54	56.81	48.35	43.16	49.57	0.06	5.0	1.09	1.18
7.0	7.21	7.21	7.22	7.22	7.21	0.01	44.17	53.39	47.54	43.61	50.59	0.07	7.0	1.08	1.16
10.0	7.21	7.21	7.21	7.21	7.21	0.01	44.19	50.24	46.54	43.50	50.78	0.07	10.0	1.08	1.14
23.0	7.22	7.23	7.23	7.23	7.23	0.00	41.33	43.39	42.26	40.38	45.43	0.14	23.0	1.09	1.13
36.0	7.25	7.25	7.25	7.25	7.25	0.01	38.66	39.94	39.02	37.66	41.59	0.19	36.0	1.10	1.13
49.0	7.28	7.27	7.27	7.28	7.27	0.01	36.48	37.54	36.60	35.51	38.92	0.31	49.0	1.12	1.12
62.0	7.31	7.29	7.30	7.29	7.30	0.01	34.81	35.78	34.84	33.86	37.07	0.46	62.0	1.14	1.12
75.0	7.33	7.32	7.32	7.32	7.32	0.02	33.46	34.36	33.35	32.48	35.55	0.49	75.0	1.16	1.11
90.0	7.36	7.35	7.35	7.34	7.35	0.02	32.25	33.11	32.06	31.28	34.29	0.61	90.0	1.18	1.11
105.0	7.39	7.37	7.37	7.36	7.38	0.03	31.30	32.14	31.05	30.29	33.26	0.70	105.0	1.20	1.10
120.0	7.43	7.41	7.41	7.40	7.40	0.04	30.53	31.39	30.25	29.53	32.43	0.87	120.0	1.22	1.09
135.0	7.46	7.44	7.44	7.42	7.43	0.04	29.95	30.79	29.60	28.90	31.79	0.87	135.0	1.23	1.09
150.0	7.50	7.46	7.47	7.45	7.47	0.05	29.52	30.35	29.14	28.44	31.30	0.99	150.0	1.25	1.08
180.0	7.55	7.52	7.54	7.51	7.53	0.05	29.05	29.89	28.59	27.89	30.66	1.19	180.0	1.27	1.07
210.0	7.62	7.58	7.59	7.55	7.58	0.07	29.25	30.06	28.65	27.94	30.53	1.41	210.0	1.27	1.07
240.0	7.68	7.63	7.65	7.59	7.64	0.09	30.21	31.01	29.42	28.67	30.96	1.55	240.0	1.26	1.08
270.0	7.76	7.70	7.71	7.66	7.70	0.10	32.52	33.20	31.32	30.42	31.96	1.73	270.0	1.23	1.10
300.0	7.83	7.76	7.79	7.70	7.77	0.13	38.02	37.81	35.51	34.04	33.22	1.85	300.0	1.19	1.14
320.0	7.90	7.82	7.86	7.76	7.83	0.14	50.98	42.13	42.84	38.68	33.59	1.94	320.0	1.19	1.16
340.0	8.02	7.93	7.97	7.86	7.95	0.16	40.21	38.05	46.92	40.26	32.81	1.97	340.0	1.21	1.18
360.0	8.17	8.08	8.13	8.00	8.09	0.17	32.35	32.29	34.74	33.59	30.77	2.10	360.0	1.28	1.21
380.0	8.39	8.27	8.33	8.19	8.30	0.20	27.78	28.19	29.26	28.61	28.32	2.03	380.0	1.40	1.23
400.0	8.65	8.54	8.60	8.45	8.57	0.20	24.52	25.09	25.61	25.08	25.95	2.11	400.0	1.56	1.24
420.0	9.06	8.94	9.00	8.83	8.96	0.23	22.03	22.68	22.90	22.41	23.89	2.00	420.0	1.77	1.26

¹ Total Loss = Insertion Loss + 7dB Splitter Loss

REV. X2
ZFSC-ED11466/1
100707
Page 1 of 1