

12 Way-0° Power Splitter/Combiner

ZFSC-12-1-75+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB) S-1	AMP. UNBAL. (dB)	ISOLATION (dB)		PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)	
			1-3	2-4			S	12
10	11.33	0.02	41.16	42.05	0.57	10	1.03	1.09
14	11.33	0.02	42.70	43.15	0.59	14	1.02	1.09
18	11.34	0.02	43.20	43.25	0.76	18	1.03	1.09
22	11.35	0.02	43.02	42.83	1.00	22	1.04	1.09
26	11.37	0.02	42.49	42.10	1.24	26	1.05	1.10
30	11.38	0.02	41.77	41.28	1.42	30	1.06	1.10
34	11.39	0.02	41.01	40.42	1.54	34	1.08	1.11
38	11.40	0.02	40.26	39.60	1.61	38	1.09	1.11
42	11.41	0.02	39.53	38.80	1.65	42	1.10	1.12
46	11.42	0.02	38.82	38.07	1.66	46	1.10	1.12
50	11.43	0.02	38.18	37.40	1.67	50	1.11	1.12
55	11.45	0.02	37.45	36.63	1.58	55	1.12	1.13
60	11.46	0.02	36.76	35.93	1.54	60	1.13	1.13
65	11.47	0.02	36.15	35.30	1.53	65	1.14	1.14
70	11.48	0.02	35.61	34.72	1.58	70	1.15	1.15
75	11.49	0.02	35.10	34.20	1.66	75	1.15	1.15
80	11.50	0.02	34.65	33.73	1.70	80	1.16	1.16
85	11.51	0.02	34.24	33.31	1.79	85	1.16	1.16
90	11.52	0.03	33.87	32.92	1.86	90	1.17	1.16
95	11.53	0.03	33.53	32.56	1.89	95	1.17	1.17
100	11.54	0.03	33.23	32.24	1.90	100	1.17	1.17
105	11.54	0.03	32.96	31.95	1.93	105	1.17	1.18
110	11.55	0.04	32.71	31.68	1.89	110	1.17	1.18
115	11.56	0.04	32.50	31.44	1.98	115	1.16	1.19
120	11.57	0.04	32.30	31.23	1.98	120	1.16	1.19
125	11.58	0.05	32.13	31.03	2.01	125	1.15	1.20
130	11.58	0.05	31.97	30.85	2.06	130	1.14	1.20
135	11.59	0.06	31.85	30.69	2.06	135	1.13	1.20
140	11.60	0.06	31.73	30.55	2.10	140	1.12	1.21
145	11.61	0.07	31.63	30.41	2.13	145	1.11	1.21
150	11.61	0.08	31.54	30.30	2.15	150	1.10	1.21
155	11.63	0.08	31.47	30.19	2.21	155	1.09	1.22
160	11.64	0.09	31.41	30.10	2.24	160	1.08	1.22
165	11.65	0.10	31.35	30.00	2.28	165	1.06	1.22
170	11.66	0.10	31.31	29.92	2.32	170	1.06	1.23
175	11.68	0.11	31.27	29.83	2.34	175	1.05	1.23
180	11.69	0.12	31.22	29.74	2.39	180	1.05	1.23
185	11.70	0.13	31.18	29.66	2.52	185	1.07	1.24
190	11.72	0.14	31.13	29.57	2.52	190	1.08	1.24
195	11.74	0.14	31.07	29.47	2.60	195	1.10	1.24
200	11.76	0.15	31.01	29.36	2.65	200	1.12	1.25

¹Total Loss = Insertion Loss + 10.8dB Splitter Loss