

12 Way-0° Power Splitter/Combiner

ZFSC-ED6849/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)	AMP. UNBAL. (dB)	ISOLATION (dB)		PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)	
			Adjacent	Opposite			S	OUTPUTS
1.0	11.58	0.22	27.19	31.08	0.88	1.0	1.29	1.47
2.0	11.49	0.15	29.63	34.72	0.69	2.0	1.20	1.33
3.0	11.41	0.13	30.99	36.32	0.60	3.0	1.16	1.27
4.0	11.37	0.12	31.87	36.96	0.50	4.0	1.14	1.23
5.0	11.34	0.11	32.45	37.42	0.47	5.0	1.12	1.22
6.0	11.32	0.11	32.87	37.57	0.47	6.0	1.11	1.20
7.0	11.31	0.10	33.13	37.71	0.44	7.0	1.11	1.20
8.0	11.30	0.10	33.33	37.80	0.45	8.0	1.10	1.19
9.0	11.31	0.09	33.47	37.86	0.41	9.0	1.10	1.19
10.0	11.30	0.10	33.58	37.90	0.45	10.0	1.09	1.18
40.0	11.36	0.03	33.39	35.78	0.69	40.0	1.08	1.18
70.0	11.41	0.04	32.40	33.98	0.74	70.0	1.09	1.17
100.0	11.45	0.06	31.34	32.22	0.69	100.0	1.10	1.16
110.0	11.46	0.06	31.00	31.75	0.75	110.0	1.10	1.16
120.0	11.49	0.07	30.66	31.18	0.72	120.0	1.11	1.16
130.0	11.49	0.06	30.30	30.79	0.79	130.0	1.12	1.15
140.0	11.50	0.07	30.00	30.36	0.76	140.0	1.12	1.15
150.0	11.52	0.07	29.74	29.95	0.78	150.0	1.13	1.15
175.0	11.55	0.08	29.04	29.04	0.79	175.0	1.14	1.14
200.0	11.58	0.08	28.50	28.31	0.84	200.0	1.16	1.13
225.0	11.62	0.09	28.04	27.73	0.88	225.0	1.18	1.12
250.0	11.67	0.09	27.70	27.24	0.98	250.0	1.20	1.12
275.0	11.70	0.12	27.36	26.84	0.98	275.0	1.22	1.12
300.0	11.75	0.12	27.11	26.53	0.96	300.0	1.24	1.12
400.0	11.90	0.19	26.65	25.92	0.96	400.0	1.32	1.17
500.0	12.06	0.25	26.39	25.96	1.32	500.0	1.33	1.22
550.0	12.13	0.31	26.12	26.11	1.80	550.0	1.31	1.25

¹ Total Loss = Insertion Loss + 10.8dB Splitter Loss

REV. X2
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