

2 Way-0° Power Splitter/Combiner

ZSC-2-4+

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	1	2
10.0	3.15	3.15	0.00	24.42	0.02	10.0	1.08	1.17	1.17
19.0	3.15	3.16	0.00	24.27	0.06	19.0	1.07	1.17	1.17
28.0	3.17	3.16	0.00	24.59	0.17	28.0	1.07	1.17	1.17
37.0	3.15	3.15	0.00	25.39	0.15	37.0	1.07	1.16	1.16
46.0	3.15	3.15	0.01	26.51	0.10	46.0	1.08	1.14	1.14
55.0	3.15	3.16	0.01	27.58	0.19	55.0	1.08	1.14	1.14
64.0	3.15	3.15	0.01	28.54	0.16	64.0	1.08	1.13	1.13
73.0	3.17	3.18	0.01	29.54	0.24	73.0	1.08	1.12	1.12
82.0	3.16	3.17	0.02	30.55	0.14	82.0	1.08	1.12	1.12
91.0	3.18	3.18	0.00	31.49	0.26	91.0	1.08	1.12	1.12
100.0	3.20	3.20	0.00	32.44	0.28	100.0	1.09	1.11	1.12
120.0	3.18	3.18	0.01	34.47	0.38	120.0	1.09	1.11	1.12
140.0	3.20	3.20	0.00	36.48	0.45	140.0	1.10	1.11	1.12
160.0	3.21	3.21	0.00	38.41	0.46	160.0	1.11	1.12	1.12
180.0	3.22	3.22	0.01	39.92	0.48	180.0	1.11	1.12	1.12
200.0	3.20	3.21	0.01	40.95	0.50	200.0	1.12	1.13	1.13
220.0	3.25	3.25	0.00	41.21	0.62	220.0	1.13	1.13	1.13
240.0	3.24	3.25	0.01	40.64	0.65	240.0	1.14	1.14	1.14
260.0	3.22	3.23	0.01	39.64	0.56	260.0	1.15	1.14	1.14
280.0	3.24	3.25	0.01	38.54	0.59	280.0	1.16	1.15	1.15
300.0	3.26	3.27	0.01	37.50	0.85	300.0	1.16	1.16	1.16
320.0	3.26	3.26	0.01	36.45	0.89	320.0	1.17	1.17	1.17
340.0	3.22	3.23	0.02	35.59	0.90	340.0	1.18	1.18	1.17
360.0	3.32	3.32	0.00	34.79	0.89	360.0	1.19	1.19	1.18
380.0	3.25	3.26	0.01	34.02	1.06	380.0	1.20	1.20	1.19
400.0	3.27	3.28	0.01	33.43	1.05	400.0	1.21	1.21	1.20
420.0	3.31	3.32	0.01	33.02	1.13	420.0	1.21	1.22	1.21
440.0	3.28	3.29	0.01	32.48	1.10	440.0	1.22	1.23	1.22
460.0	3.32	3.31	0.00	32.13	1.26	460.0	1.23	1.24	1.23
480.0	3.33	3.33	0.00	31.94	1.30	480.0	1.24	1.25	1.23
500.0	3.34	3.35	0.00	31.59	1.27	500.0	1.24	1.26	1.24
550.0	3.40	3.41	0.01	31.28	1.38	550.0	1.26	1.29	1.27
600.0	3.40	3.40	0.00	31.33	1.64	600.0	1.27	1.32	1.29
650.0	3.44	3.43	0.01	31.86	1.75	650.0	1.29	1.35	1.31
700.0	3.52	3.52	0.00	32.82	1.89	700.0	1.29	1.37	1.33
750.0	3.62	3.62	0.00	34.53	1.98	750.0	1.30	1.40	1.34
800.0	3.65	3.65	0.00	37.70	1.91	800.0	1.30	1.42	1.35
850.0	3.61	3.59	0.02	41.37	2.05	850.0	1.28	1.43	1.36
900.0	3.69	3.67	0.03	37.19	2.09	900.0	1.26	1.43	1.36
950.0	3.71	3.69	0.02	31.40	2.02	950.0	1.23	1.43	1.34
1000.0	3.84	3.80	0.04	27.01	2.06	1000.0	1.17	1.41	1.32

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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Page 1 of 1



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