

2 Way-180° Power Splitter/Combiner

ZFSCJ-ED13132

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
180.0	3.52	3.84	0.32	15.44	178.50	180.0	1.50	1.53	1.66
200.0	3.37	3.60	0.23	16.84	179.34	200.0	1.40	1.36	1.29
220.0	3.37	3.41	0.05	18.76	178.55	220.0	1.32	1.22	1.07
225.0	3.38	3.38	0.00	19.33	178.48	225.0	1.31	1.19	1.06
235.0	3.41	3.33	0.08	20.60	178.41	235.0	1.30	1.14	1.10
245.0	3.45	3.30	0.15	22.09	178.37	245.0	1.29	1.13	1.16
255.0	3.48	3.28	0.20	23.84	178.31	255.0	1.28	1.15	1.21
265.0	3.51	3.27	0.24	25.96	178.19	265.0	1.27	1.20	1.25
275.0	3.54	3.27	0.27	28.59	178.00	275.0	1.26	1.25	1.27
285.0	3.56	3.27	0.29	32.03	177.74	285.0	1.23	1.31	1.29
295.0	3.58	3.26	0.31	36.17	177.44	295.0	1.20	1.36	1.29
305.0	3.60	3.26	0.33	37.48	177.11	305.0	1.17	1.40	1.29
315.0	3.61	3.27	0.35	34.01	176.81	315.0	1.13	1.44	1.29
325.0	3.63	3.27	0.36	30.72	176.59	325.0	1.09	1.46	1.30
335.0	3.65	3.28	0.36	28.33	176.48	335.0	1.06	1.48	1.30
345.0	3.67	3.30	0.36	26.57	176.48	345.0	1.06	1.49	1.32
355.0	3.68	3.33	0.35	25.25	176.62	355.0	1.08	1.50	1.35
365.0	3.69	3.37	0.32	24.23	176.92	365.0	1.11	1.50	1.38
375.0	3.69	3.41	0.28	23.47	177.40	375.0	1.14	1.50	1.42
385.0	3.69	3.47	0.22	22.90	178.00	385.0	1.16	1.49	1.46
395.0	3.67	3.53	0.14	22.49	178.69	395.0	1.17	1.48	1.51
405.0	3.64	3.59	0.05	22.21	179.45	405.0	1.16	1.47	1.56
415.0	3.59	3.65	0.06	22.06	179.77	415.0	1.15	1.46	1.60
425.0	3.54	3.72	0.18	22.01	179.02	425.0	1.13	1.46	1.65
435.0	3.49	3.78	0.30	22.04	178.37	435.0	1.09	1.45	1.69
445.0	3.44	3.84	0.40	22.20	177.84	445.0	1.05	1.44	1.73
450.0	3.42	3.87	0.45	22.30	177.62	450.0	1.03	1.44	1.75
455.0	3.40	3.90	0.50	22.42	177.44	455.0	1.01	1.44	1.77
460.0	3.39	3.92	0.53	22.56	177.29	460.0	1.01	1.43	1.78
465.0	3.38	3.94	0.56	22.72	177.17	465.0	1.03	1.43	1.80
470.0	3.37	3.96	0.59	22.90	177.07	470.0	1.05	1.42	1.81
480.0	3.37	3.98	0.61	23.35	176.96	480.0	1.09	1.41	1.82
500.0	3.42	3.95	0.53	24.61	176.88	500.0	1.16	1.37	1.80
520.0	3.51	3.84	0.32	26.61	176.64	520.0	1.21	1.33	1.71
540.0	3.62	3.66	0.05	29.93	175.89	540.0	1.21	1.28	1.55
560.0	3.68	3.49	0.19	34.53	174.62	560.0	1.15	1.23	1.34
580.0	3.69	3.39	0.30	31.15	173.17	580.0	1.05	1.19	1.13

¹ Total Loss = Insertion Loss+ 9dB Splitter Loss