POWER SPLITTERS/COMBINERS 50Ω & 75Ω DC to 18 GHz

ZX10 Case FL905 | ZX10Q Case GW1052 | ZESC-2 Case V37 | IZY2PD, ZFRSC Case JJJ245 | ZFSC, ZFSCJ, ZFRSC, ZFSC-2 Case K18 | ZC2PD Case F183 | ZN2PD Case VVV180, VVV845

MODEL PREFIX	FREQUENCY RANGE (MHz)	ISOLATION (dB)						INSERTION LOSS, (dB)						PHASE UNBAL., degrees			AMPLITUDE UNBAL. (dB)			RF POWER MAX (W)	
		L		M		U		L		M		U		L	M	U	L	M	U	Sum Port (Matched output ports)	Internal Dissipation
	f_L-f_U	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Max.	Max.	Max.	Max.	Max.	Max.		
2 WAY - 0°								*Insertion Loss Above 3 dB*													
ZFSC-2-6	0.002-60	27	20	30	20	27	20	0.3	0.6	0.3	0.6	0.6	1.0	2	3	4	0.15	0.20	0.30	1.0	0.125
ZMSC-2-2	0.002-60	27	20	30	20	27	20	0.3	0.6	0.3	0.6	0.6	1.0	2	3	4	0.15	0.25	0.30	1.0	0.125
ZSC-2-2	0.002-60	25	20	30	20	27	20	0.3	0.6	0.3	0.6	0.6	1.0	2	3	4	0.15	0.25	0.30	1.0	0.125
ZMSC-2-1	0.1-400	20	15	25	20	25	20	0.2	0.5	0.4	0.75	0.6	1.0	2	3	4	0.15	0.20	0.30	1.0	0.125
ZSC-2-1	0.1-400	20	15	25	20	25	20	0.2	0.5	0.4	0.75	0.6	1.0	2	3	4	0.15	0.20	0.30	1.0	0.125
ZFSC-2-1	5-500	30	25	28	20	25	20	0.2	0.5	0.3	0.6	0.6	0.8	2	4	4	0.15	0.15	0.30	1.0	0.125
ZMSC-2-1W	1-650	25	20	35	20	25	20	0.3	0.5	0.5	0.8	0.7	1.0	2	3	4	0.15	0.20	0.30	1.0	0.125
ZSC-2-1W	1-650	25	20	35	25	25	20	0.3	0.5	0.5	0.8	0.7	1.0	2	3	4	0.15	0.20	0.30	1.0	0.125
ZFSC-2-1W	1-750	30	20	28	20	25	20	0.2	0.5	0.4	0.8	0.8	1.0	2	4	4	0.15	0.15	0.30	1.0	0.125
ZAPD-900-5W	100-900	23	18	23	18	23	18	0.3	1.0	0.3	1.0	0.3	1.0	3	3	3	0.30	0.30	0.30	5.0	1.000
ZC2PD-900	800-900	30	20	30	20	30	20	0.1	0.4	0.1	0.4	0.1	0.4	2	2	2	0.20	0.20	0.20	10.0	0.125
ZN2PD-920	800-920	30	20	30	20	30	20	0.15	0.4	0.15	0.4	0.15	0.4	2	2	2	0.20	0.20	0.20	10.0	0.125
ZFSC-2-4	0.2-1000	20	15	25	20	23	18	0.2	0.8	0.5	1.0	0.9	1.2	2	4	4	0.15	0.15	0.30	1.0	0.125
ZAPD-1	500-1000	25	19	25	19	25	19	0.25	0.6	0.25	0.6	0.25	0.6	2	2	2	0.20	0.20	0.20	10.0	0.125
ZFSC-2-2	10-1000	30	20	25	20	23	18	0.2	0.5	0.5	1.0	0.9	1.2	2	4	4	0.15	0.15	0.30	1.0	0.125
ZSC-2-4	10-1000	25	20	35	20	25	20	0.2	0.5	0.5	0.8	0.7	1.3	2	4	6	0.15	0.20	0.30	1.0	0.125
ZN2PD-920W	700-1050	22	15	22	15	22	15	0.15	0.5	0.15	0.5	0.15	0.5	3	3	3	0.30	0.30	0.30	10.0	0.125
ZX10-2-12	2-1200	21	16	21	16	21	16	0.5	1.5	0.5	1.5	0.5	1.5	3	3	3	0.50	0.50	0.50	0.5	0.125
ZFSC-2-5	10-1500	25	15	30	20	25	18	0.25	0.6	0.5	1.0	0.8	1.5	2	3	4	0.15	0.20	0.50	1.0	0.125
ZAPD-1750	950-1750	30	22	30	22	30	22	0.2	0.4	0.2	0.4	0.2	0.4	4	4	4	0.50	0.50	0.50	10.0	0.125
ZN2PD-1900	1600-1900	30	20	30	20	30	20	0.18	0.4	0.18	0.4	0.18	0.4	2	2	2	0.20	0.20	0.20	10.0	0.125
ZESC-2-11	10-2000	19	10	18	13	20	11	0.5	0.9	0.5	1.0	0.6	1.2	1	3	6	0.20	0.30	0.50	1.0	0.125
ZFSC-2-11	10-2000	14	10	16	14	20	15	1.2	1.5	1.2	1.5	1.0	2.0	1	2	4	0.20	0.30	0.50	1.0	0.125
ZX10-2-20	200-2000	20	16	20	16	20	16	0.8	2.2	0.8	2.2	0.8	2.2	6	6	6	4.00	4.00	4.00	0.5	0.125
ZAPD-21	500-2000	25	18	25	18	25	18	0.25	1.0	0.25	1.0	0.25	1.0	3	3	3	0.20	0.20	0.20	10.0	0.125
ZAPD-20	700-2000	30	20	30	20	30	20	0.30	0.7	0.30	0.7	0.30	0.7	3	3	3	0.40	0.40	0.40	10.0	0.125
ZAPD-23	700-2000	27	20	27	20	27	20	0.4	0.8	0.4	0.8	0.4	0.8	2	2	2	0.20	0.20	0.20	10.0	0.5
ZN2PD-20	750-2000	18	15	25	20	18	15	0.2	0.5	0.2	0.5	0.2	0.5	4	4	4	0.30	0.30	0.30	5.0	0.725
ZAPD-2	1000-2000	25	19	25	19	25	19	0.25	0.6	0.25	0.6	0.25	0.6	2	2	2	0.20	0.20	0.20	10.0	0.125
ZN2PD-1900W	1500-2000	24	15	24	15	24	15	0.2	0.5	0.2	0.5	0.2	0.5	3	3	3	0.30	0.30	0.30	10.0	0.125
ZAPD-2DC	950-2150	22	18	22	18	22	18	0.3	0.7	0.3	0.7	0.3	0.7	5	5	5	0.30	0.30	0.30	10.0	0.125
ZN2PD1-222	600-2200	21	14	21	14	21	14	0.3	0.8	0.3	0.8	0.3	0.8	3	3	3	0.40	0.40	0.40	10.0	0.250
ZX10-2-222	800-2200	24	17	24	17	24	17	0.8	1.5	0.8	1.5	0.8	1.5	4	4	4	0.20	0.20	0.20	1.5	0.75
ZFSC-2-2500	10-2500	16	11	17	14	17	14	0.5	0.8	0.6	1.4	0.8	1.5	1	4	8	0.20	0.30	0.40	1.0	0.125
ZX10-2-252	500-2500	22	10	22	10	22	10	0.9	1.7	0.9	1.7	0.9	1.7	4	4	4	0.20	0.20	0.20	1.5	0.75
ZX10-2-25	1000-2500	20	14	20	14	20	14	1.2	2.2	1.2	2.2	1.2	2.2	10	10	10	1.20	1.20	1.20	1.0	0.125
ZAPD-30	20-3000	14	12	16	12	20	14	1.1	1.5	1.1	1.8	1.4	2.3	3	5	9	0.30	0.40	0.80	1.0	0.125
ZX10-2-332	1600-3300	24	17	24	17	24	17	0.8	1.5	0.8	1.5	0.8	1.5	5	5	5	0.20	0.20	0.20	1.5	0.75
ZX10-2-42	1900-4200	23	10	23	10	23	10	0.2	1.0	0.2	1.0	0.2	1.0	3	3	3	0.30	0.30	0.30	1.0	0.10
ZAPD-4	2000-4200	25	19	25	19	25	19	0.4	0.8	0.4	0.8	0.4	0.8	6	6	6	0.40	0.40	0.40	10.0	0.125
ZX10-2-442	1500-4400	11	20	11	20	11	20	1.0	2.1	1.0	2.1	1.0	2.1	6	6	6	0.30	0.30	0.30	1.5	0.75
ZN2PD2-50	500-5000	25	15	25	15	25	15	0.8	1.4	0.8	1.4	0.8	1.4	4	4	4	0.50	0.50	0.50	10.0	0.250
ZAPD-50	4400-5000	26	20	26	20	26	20	0.3	0.8	0.3	0.8	0.3	0.8	5	5	5	0.50	0.50	0.50	10.0	0.125
ZN2PD2-63	350-6000	25	15	25	15	25	15	0.6	1.6	0.6	1.6	0.6	1.6	4	4	4	0.50	0.50	0.50	10.0	1.0
ZN2PD-63	1800-6000	24	19	24	19	24	19	0.4	0.7	0.4	0.7	0.4	0.7	4	4	4	0.30	0.30	0.30	10.0	0.250
ZAPD-50W	4200-6000	26	16	26	16	26	16	0.3	0.8	0.3	0.8	0.3	0.8	5	5	5	0.70	0.70	0.70	10.0	0.125
ZX10-2-622	2900-6200	24	16	24	16	24	16	0.9	1.5	0.9	1.5	0.9	1.5	9	9	9	0.30	0.30	0.30	1.5	0.75
IZY2PD-64	5800-6400	35	24	35	24	35	24	0.2	0.5	0.2	0.5	0.2	0.5	5	5	5	0.30	0.30	0.30	1.0	0.125
ZX10-2-71	2950-7100	23	10	23	10	23	10	0.25	0.9	0.25	0.9	0.25	0.9	3	3	3	0.40	0.40	0.40	1.0	0.125
ZX10-2-722	2800-7200	22	11	22	11	22	11	0.8	1.6	0.8	1.6	0.8	1.6	10	10	10	0.40	0.40	0.40	1.5	0.75
IZY2PD-86	7000-8600	30	18	30	18	30	18	0.1	0.5	0.1	0.5	0.1	0.5	6	6	6	0.25	0.25	0.25	1.0	0.125
ZN2PD-9G	1700-9000	22	15	22	15	22	15	0.5	1.4	0.5	1.4	0.5	1.4	4	4	4	0.60	0.60	0.60	10.0	0.125
ZFSC-2-9G	3500-9000	18	12	—	—	20	12	0.5	1.5	—	—	0.6	1.2	7	—	10	0.30	—	0.50	1.0	0.125
ZX10-2-98	4750-9800	23	10	23	10	23	10	0.3	1.2	0.3	1.2	0.3	1.2	9	9	9	0.50	0.50	0.50	1.0	0.125
ZFSC-2-10G	2000-10000	15	9	—	—	20	12	0.5	1.5	—	—	0.6	1.6	7	—	12	0.60	—	0.50	1.0	0.125
ZX10-2-126	7400-12600	23	10	23	10	23	10	0.3	1.3	0.3	1.3	0.3	1.3	10	10	10	0.50	0.50	0.50	1.0	0.100

■ *75Ω*

L = low range (f_L to $10f_L$) M = mid range ($10f_L$ to $f_U/2$) U = upper range ($f_U/2$ to f_U)

ZAPD, ZAPO, ZAOQ, ZAPOJ
Case F14, F53

ZMSC-2, ZMSC-J, ZMSC-Q
Case M21

ZSC-2
Case M22

ZN2PD1
Case AB762

MODEL PREFIX	FREQUENCY RANGE (MHz) f_L-f_U	ISOLATION (dB) L Typ.	L Min.	M Typ.	M Min.	U Typ.	U Min.	INSERTION LOSS, (dB) L Typ.	L Max.	M Typ.	M Max.	U Typ.	U Max.	PHASE UNBAL., degrees L Max.	M Max.	U Max.	AMPLITUDE UNBAL. (dB) L Max.	M Max.	U Max.	RF POWER MAX (W) Sum Port (Matched output ports)	Internal Dissipation
2 WAY - 0°								*Insertion Loss Above 3 dB*													
■ZSC-2-2-75	0.002-60	25	20	30	20	27	20	0.3	0.6	0.3	0.6	0.6	1.0	2.0	3.0	4.0	0.15	0.25	0.30	1.0	0.125
■ZFSC-2-6-75	0.004-60	30	20	35	20	25	20	0.5	0.8	0.4	0.8	0.7	1.0	1.0	2.0	3.0	0.15	0.20	0.30	1.0	0.125
■ZSC-2375	55-85	35	25	35	25	35	25	0.3	0.5	0.3	0.5	0.3	0.5	1.0	1.0	1.0	0.10	0.10	0.10	1.0	0.125
■ZFSC-2-1-75	0.25-300	20	15	30	25	25	20	0.4	0.75	0.4	0.75	0.4	1.0	2.0	3.0	5.0	0.15	0.20	0.30	1.0	0.125
■ZSC-2-1-75	0.25-300	20	15	30	20	20	15	0.4	0.75	0.4	0.75	0.4	1.0	2.0	3.0	5.0	0.15	0.20	0.30	1.0	0.125
■ZFSC-2-1W-75	5-600	44	26	45	30	31	20	0.22	0.6	0.27	0.7	0.46	0.9	1.0	2.0	3.0	0.20	0.30	0.40	1.0	0.125
■ZAPD-2-22-75	910-2150	30	20	30	20	30	20	0.2	0.7	0.2	0.7	0.2	0.7	2.0	2.0	2.0	0.40	0.40	0.40	5.0	0.250
■ZAPD-162-75	600-1600	32	20	32	20	32	20	0.3	0.7	0.3	0.7	0.3	0.7	2.0	2.0	2.0	0.30	0.30	0.30	10.0	0.125
■ZAPD-2-252-75	5-2500	20	12	26	16	23	14	0.4	0.8	0.6	1.7	1.1	1.7	2.0	3.0	5.0	0.20	0.40	0.40	1.0	0.04
2 WAY - 0° *Resistive*								*Insertion Loss Above 6 dB*													
ZFRSC-2050	DC-2000	6.2	6.2	6.6	6.6	7.0	7.0	0.1	0.2	0.3	0.6	0.5	1.4	1.0	2.0	5.0	0.1	0.2	0.5	0.75	0.375
ZFRSC-42	DC-4200	6.2	6.2	6.5	6.6	7.0	7.0	0.1	0.2	0.1	0.5	0.4	1.4	1.0	3.0	5.0	0.1	0.2	0.5	0.75	0.375
ZFRSC-123	DC-12000	19.5	—	—	—	19.5	—	3.5	4.0	—	—	3.5	4.0	3.0	—	5.0	0.25	—	0.4	0.16	0.08
ZFRSC-183	DC-18000	6.2	—	6.5	—	7.0	—	0.3	0.7	0.7	1.25	1.0	—	4.0	7.0	10.0	0.2	0.5	0.5	0.16	0.08
ZX10R-14	DC-10000	6.0	—	6.0	—	6.0	—	0.1	0.2	0.5	1.0	1.5	1.8	1.0	3.0	6.0	0.1	0.2	0.3	0.16	0.08
■ZFRSC-2075	DC-2000	6.2	6.2	6.6	6.6	7.0	7.0	0.1	0.2	0.3	0.6	0.5	1.4	1.0	2.0	5.0	0.1	0.2	0.5	0.75	0.375
2 WAY - 90°								*Avg. of Coupled Outputs less 3 dB*													
ZMSCQ-2-50	25-50	27	20	27	20	27	20	0.3	0.7	0.3	0.7	0.3	0.7	3.0	3.0	3.0	1.5	1.5	1.5	1.0	0.125
ZMSCQ-2-90	55-90	30	20	30	20	30	20	0.3	0.7	0.3	0.7	0.3	0.7	3.0	3.0	3.0	1.2	1.2	1.2	1.0	0.125
ZSCQ-2-90	55-90	30	20	30	20	30	20	0.3	0.7	0.3	0.7	0.3	0.7	3.0	3.0	3.0	1.2	1.2	1.2	1.0	0.125
ZMSCQ-2-120	80-120	21	18	21	18	21	18	0.3	0.7	0.3	0.7	0.3	0.7	3.0	3.0	3.0	1.5	1.5	1.5	1.0	0.125
ZMSCQ-2-180	120-180	23	15	23	15	23	15	0.3	0.7	0.3	0.7	0.3	0.7	4.0	4.0	4.0	1.2	1.2	1.2	1.0	0.125
ZX10Q-2-3	220-470	24	18	24	18	24	18	0.6	0.8	0.6	0.8	0.6	0.8	8.0	8.0	8.0	1.3	1.3	1.3	15.0	▲
ZX10Q-2-5	330-580	22	14	22	14	22	14	0.4	0.9	0.4	0.9	0.4	0.9	5.0	5.0	5.0	1.3	1.3	1.3	20.0	▲
ZX10Q-2-7	425-675	17	11	17	11	17	11	0.4	1.0	0.4	1.0	0.4	1.0	8.0	8.0	8.0	1.0	1.0	1.0	20.0	▲
ZX10Q-2-12	800-1250	17	13	17	13	17	13	0.35	0.7	0.35	0.7	0.35	0.7	5.0	5.0	5.0	0.8	0.8	0.8	20.0	▲
ZX10Q-2-19	1100-1925	26	19	26	19	26	19	0.4	0.9	0.4	0.9	0.4	0.9	4.0	4.0	4.0	1.1	1.1	1.1	20.0	▲
ZAPDQ-2	1000-2000	22	16	22	16	22	16	0.4	1.4	0.4	1.4	0.4	1.4	6.0	6.0	6.0	0.8	0.8	0.8	1.0	▲
ZX10Q-2-25	1350-2450	25	17	25	17	25	17	0.4	0.9	0.4	0.9	0.4	0.9	5.0	5.0	5.0	1.1	1.1	1.1	20.0	▲
ZX10Q-2-27	1700-2700	23	18	23	18	23	18	0.4	0.7	0.4	0.7	0.4	0.7	5.0	5.0	5.0	1.0	1.0	1.0	20.0	4.3
ZX10Q-2-34	2500-3400	29	20	29	20	29	20	0.4	0.7	0.4	0.7	0.4	0.7	4.0	4.0	4.0	1.2	1.2	1.2	20.0	4.3
ZAPDQ-4	2000-4200	22	16	22	16	22	16	0.4	0.9	0.4	0.9	0.4	0.9	8.0	8.0	8.0	1.0	1.0	1.0	1.0	0.125
2 WAY - 180°								*Insertion Loss Above 3 dB*													
ZFSCJ-2-2	0.01-20	35	25	30	25	25	18	0.3	0.8	0.2	0.5	0.3	0.6	1.0	2.0	2.5	0.1	0.1	0.2	1.0	0.125
ZMSCJ-2-2	0.01-20	35	25	30	25	25	18	0.3	0.8	0.2	0.5	0.3	0.6	1.0	2.0	2.5	0.1	0.1	0.2	1.0	0.125
ZSCJ-2-2	0.01-20	35	25	30	25	25	18	0.3	0.8	0.2	0.5	0.3	0.6	1.0	2.0	2.5	0.1	0.1	0.2	1.0	0.125
ZMSCJ-2-1	1-200	35	30	35	25	30	23	0.75	1.0	0.6	0.8	0.75	1.2	2.0	2.5	4.0	0.3	0.15	0.3	1.0	0.125
ZSCJ-2-1	1-200	35	30	35	25	30	23	0.75	1.0	0.6	0.8	0.75	1.2	2.0	2.5	4.0	0.3	0.15	0.3	1.0	0.125
ZFSCJ-2-3	5-300	30	20	33	25	30	18	1.0	1.5	1.0	1.5	1.0	1.5	2.0	4.0	6.0	0.15	0.2	0.5	1.0	0.125
ZFSCJ-2-1	1-500	30	20	33	25	30	18	1.0	1.5	1.0	1.5	1.0	1.5	2.0	4.0	7.0	0.5	0.2	0.5	1.0	0.125
ZFSCJ-2-4	50-1000	30	20	—	—	25	18	1.2	1.9	—	—	1.6	2.4	6.0	—	7.0	0.6	—	0.6	1.0	0.125
ZAPDJ-2	1000-2000	22	18	22	18	22	18	1.3	1.8	1.3	1.8	1.3	1.8	6.0	6.0	6.0	0.8	0.8	0.8	1.0	0.125

■ *75 Ω*

▲ Total power into output ports not to exceed max sum port power.

L = low range (f_L to $10f_L$) M = mid range ($10f_L$ to $f_U/2$) U = upper range ($f_U/2$ to f_U)

POWER SPLITTERS/COMBINERS 50Ω & 75Ω

2 kHz to 8.4 GHz

MODEL PREFIX	FREQUENCY RANGE (MHz)	ISOLATION (dB)						INSERTION LOSS, (dB)						PHASE UNBAL., degrees			AMPLITUDE UNBAL. (dB)			RF POWER MAX (W)	
		L		M		U		L		M		U		L	M	U	L	M	U	Sum Port (Matched	Internal Dissipation
	f_L-f_U	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	output ports)	
3 WAY - 0°								***Insertion Loss Above 4.8 dB***													
ZSC-3-2	0.01-30	35	30	40	25	30	25	0.25	0.45	0.15	0.45	0.45	0.75	1	2	4	0.2	0.3	0.4	1.0	0.375
ZFSC-3-13	1-200	45	30	48	35	37	30	0.25	0.5	0.35	0.6	0.35	0.6	1	3	5	0.1	0.2	0.2	1.0	0.375
ZMSC-3-1	1-200	45	35	40	25	40	25	0.3	0.5	0.4	0.7	0.6	1.0	1	2	4	0.15	0.2	0.3	1.0	0.375
ZSC-3-1	1-200	45	30	40	25	40	25	0.3	0.5	0.4	0.7	0.6	1.0	1	2	4	0.15	0.2	0.3	1.0	0.375
ZCSC-3-R3	2-300	32	28	31	28	32	22	0.3	0.8	0.4	1.0	0.8	1.2	1	2	3	0.1	0.3	0.3	1.0	0.375
ZFSC-3-1	1-500	30	20	30	20	25	18	0.4	0.75	0.5	0.9	0.8	1.2	2	3	4	0.2	0.3	0.4	1.0	0.375
ZFSC-3-1W	2-750	30	20	30	20	25	18	0.4	0.75	0.5	1.0	1.0	1.6	3	5	7	0.2	0.3	0.5	1.0	0.5
ZN3PD-900	800-900			30	20					0.2	0.4				—			0.5		10.0	0.375
ZFSC-3-4	1-1000	35	20	20	18	20	17	0.2	0.5	0.7	1.4	1.0	2.0	3	6	10	0.2	0.4	0.9	1.0	0.375
ZA3PD-1	500-1000	20	14	20	14	20	14	0.3	0.6	0.3	0.6	0.3	0.6	—	—	—	0.4	0.4	0.4	10.0	0.375
ZN3PD-900W	650-1050	22	15	22	15	22	15	0.3	0.8	0.3	0.8	0.3	0.8	—	—	—	0.8	0.8	0.8	10.0	0.375
ZA3PD-1.5	750-1500	20	14	20	14	20	14	0.3	0.7	0.3	0.7	0.3	0.7	—	—	—	0.4	0.4	0.4	10.0	0.375
ZA3PD-2	1000-2000	20	15	20	15	20	15	0.3	0.6	0.3	0.6	0.3	0.6	—	—	—	0.3	0.3	0.3	10.0	0.375
ZB3PD1-222	500-2200	25	14	25	14	25	14	0.3	1.0	0.3	1.0	0.3	1.0	—	—	—	0.7	0.7	0.7	10.0	0.5
ZB3PD-2400W	700-2400	25	17	25	17	25	17	0.5	1.2	0.5	1.2	0.5	1.2		8		0.9	0.9	0.9	1.0	0.25
ZA3PD-4	2000-4200	18	14	18	14	18	14	0.7	1.0	0.7	1.0	0.7	1.0	—	—	—	0.9	0.9	0.9	10.0	0.375
■ZSC-3-1-75	1-200	35	30	35	25	35	25	0.6	1.0	0.4	0.7	0.6	1.0	2	3	4	0.15	0.2	0.3	1.0	0.375
■ZFSC-3-4-75	1-1000	34	22	27	17	23	15	0.2	0.5	0.4	1.2	1.2	2.0	3	6	10	0.5	0.7	0.9	1.0	0.5

■ *75Ω*

L = low range (f_L to $10f_L$) M = mid range ($10f_L$ to $f_U/2$) U = upper range ($f_U/2$ to f_U)

ZX10-4 Case GR1026 | ZX10-4A Case GY1065 | ZN4PD Case UU182

ZFSC-4 Case G15 | ZMSC-4 Case N24 | ZSC-4 Case N27 | ZA4PD Case DD52 | ZB4PD Case Z54, ZB4PD1 Case UU188 | ZBSC-4 Case UU102 | ZC4PD Case Z184 | ZN4PD1 Case UU846

MODEL PREFIX	FREQUENCY RANGE (MHz) f_L-f_U	ISOLATION (dB) L Typ.	L Min.	M Typ.	M Min.	U Typ.	U Min.	INSERTION LOSS, (dB) L Typ.	L Max.	M Typ.	M Max.	U Typ.	U Max.	PHASE UNBAL., degrees L Max.	M Max.	U Max.	AMPLITUDE UNBAL. (dB) L Max.	M Max.	U Max.	RF POWER MAX (W) Sum Port (Matched output ports)	Internal Dissipation
4 WAY - 0°								*Insertion Loss Above 6 dB*													
ZMSC-4-2	0.002-20	30	20	33	25	33	25	0.45	0.75	0.3	0.5	0.7	1.0	4	6	8	0.15	0.20	0.25	1.0	0.25
ZSC-4-2	0.002-20	30	20	33	25	33	25	0.45	0.75	0.3	0.5	0.7	1.0	4	6	8	0.15	0.20	0.25	1.0	0.25
ZMSC-4-1	0.1-200	33	20	30	20	27	20	0.4	0.6	0.5	0.75	0.7	1.0	4	6	8	0.15	0.20	0.25	1.0	0.25
ZSC-4-1	0.1-200	33	20	30	20	27	20	0.4	0.6	0.5	0.75	0.7	1.0	4	6	8	0.15	0.20	0.25	1.0	0.25
ZMSC-4-3	0.25-250	33	20	30	20	27	20	0.4	0.7	0.5	0.75	0.7	1.2	4	6	10	0.15	0.20	0.25	1.0	0.25
ZSC-4-3	0.25-250	33	20	30	20	27	20	0.4	0.7	0.5	0.75	0.7	1.2	4	6	10	0.15	0.20	0.25	1.0	0.25
ZFSC-4-3	10-300	32	28	38	30	38	30	0.5	0.8	0.6	0.9	0.9	1.2	4	6	8	0.10	0.10	0.20	1.0	0.25
ZB4PD1-500	5-500	34	20	34	20	28	20	0.4	1.0	0.5	0.9	0.9	1.5	1	3	6	0.20	0.20	0.40	1.0	0.25
ZFSC-4-1W	10-500	23	20	23	20	23	20	0.6	1.5	0.6	1.5	0.6	1.5	4	8	8	0.20	0.30	0.40	1.0	0.25
ZBSC-413	10-800	26	20	18	15	18	15	0.6	1.0	1.0	1.5	1.6	2.0	4	8	8	0.20	0.40	0.60	1.0	0.25
ZC4PD-900	800-900	30	20	30	20	30	20	0.3	0.6	0.3	0.6	0.3	0.6	3	3	3	0.20	0.20	0.20	10.0	0.375
ZN4PD-920	800-920	30	20	30	20	30	20	0.25	0.5	0.25	0.5	0.25	0.5	2	2	2	0.20	0.20	0.20	10.0	0.375
ZB4PD1-930	850-930	30	20	30	20	30	20	0.3	0.5	0.3	0.5	0.3	0.5	5	5	5	0.25	0.25	0.25	10.0	0.375
ZFSC-4-1	1-1000	25	20	23	18	20	15	0.4	1.2	0.6	1.5	1.6	2.5	4	8	8	0.20	0.40	0.70	1.0	0.250
ZN4PD-920W	670-1000	22	15	22	15	22	15	0.3	0.6	0.3	0.6	0.3	0.6	3	3	3	0.20	0.20	0.20	10.0	0.375
ZB4PD1-930W	725-1050	22	15	22	15	22	15	0.3	0.8	0.3	0.8	0.3	0.8	5	5	5	0.40	0.40	0.40	10.0	0.375
ZX10-4-11	800-1125	20	15	20	15	20	15	0.6	1.3	0.6	1.3	0.6	1.3	3	3	3	0.70	0.70	0.70	2.5	0.24
ZX10-4A-11	800-1125	20	14	20	14	20	14	0.6	1.1	0.6	1.1	0.6	1.1	4	4	4	0.70	0.70	0.70	2.5	0.24
ZX10-4-14	1100-1450	20	15	20	15	20	15	0.8	1.3	0.8	1.3	0.8	1.3	7	7	7	0.80	0.80	0.80	2.5	0.24
ZX10-4A-14	1100-1450	25	16	25	16	25	16	0.6	1.0	0.6	1.0	0.6	1.0	4	4	4	0.70	0.70	0.70	2.5	0.24
ZC4PD-18	1000-1800	32	18	32	18	32	18	0.3	0.8	0.3	0.8	0.3	0.8	6	6	6	0.40	0.40	0.40	10.0	0.375
ZX10-4-19	1425-1900	20	16	20	16	20	16	0.75	1.0	0.75	1.0	0.75	1.0	6	6	6	0.90	0.90	0.90	2.5	0.24
ZX10-4A-19	1425-1900	20	16	20	16	20	16	0.75	1.1	0.75	1.1	0.75	1.1	5	5	5	0.70	0.70	0.70	2.5	0.24
ZB4PD1-2000	800-2000	25	18	25	18	25	18	0.6	1.2	0.6	1.2	0.6	1.2	—	—	—	0.30	0.30	0.30	10.0	0.375
ZA4PD-2	1000-2000	25	16	25	16	25	16	0.3	1.0	0.3	1.0	0.3	1.0	6	6	6	0.70	0.70	0.70	10.0	0.375
ZN4PD-20	1800-2000	31	20	31	20	31	20	0.3	0.7	0.3	0.7	0.3	0.7	4	4	4	0.50	0.50	0.50	10.0	0.375
ZX10-4-24	1675-2350	20	17	20	17	20	17	0.9	1.1	0.9	1.1	0.9	1.1	5	5	5	0.70	0.70	0.70	2.5	0.24
ZX10-4A-24	1675-2350	20	18	20	18	20	18	0.8	1.2	0.8	1.2	0.8	1.2	7	7	7	0.60	0.60	0.60	2.5	0.24
ZX10-4-27	2225-2700	20	16	20	16	20	16	1.0	1.5	1.0	1.5	1.0	1.5	9	9	9	1.20	1.20	1.20	2.5	0.24
ZX10-4A-27	2225-2700	20	16	20	16	20	16	1.0	1.3	1.0	1.3	1.0	1.3	6	6	6	0.90	0.90	0.90	2.5	0.24
ZB4PD-42	1700-4200	23	16	23	16	23	16	0.5	1.4	0.5	1.4	0.5	1.4	8	8	8	0.80	0.80	0.80	10.0	0.375
ZA4PD-4	2000-4200	25	16	25	16	25	16	0.5	1.0	0.5	1.0	0.5	1.0	16	16	16	0.80	0.80	0.80	10.0	0.375
ZB4PD-4	3700-4200	24	15	24	15	24	15	0.6	1.1	0.6	1.1	0.6	1.1	8	8	8	0.80	0.80	0.80	10.0	0.375
ZN4PD1-50	500-5000	23	13	23	13	23	13	0.9	1.8	0.9	1.8	0.9	1.8	8	8	8	0.60	0.60	0.60	10.0	0.75
ZB4PD1-5.8	4600-5800	25	16	25	16	25	16	0.4	0.9	0.4	0.9	0.4	0.9	5	5	5	0.40	0.40	0.40	10.0	0.375
ZN4PD1-63	2000-6000	26	17	26	17	26	17	0.7	1.3	0.7	1.3	0.7	1.3	5	5	5	0.40	0.40	0.40	10.0	1.0
ZB4PD-6.4	5400-6800	25	18	25	18	25	18	0.6	1.2	0.6	1.2	0.6	1.2	9	9	9	0.90	0.90	0.90	10.0	0.375
ZB4PD1-8.4	6700-8400	29	18	29	18	29	18	0.5	1.3	0.5	1.3	0.5	1.3	9	9	9	0.90	0.90	0.90	10.0	0.375
■ZFSC-4375	50-90	34	30	34	30	34	30	0.3	0.8	0.3	0.8	0.3	0.8	4	4	4		0.15		1.0	0.25
■ZSC-4-1-75	1-200	30	20	25	20	25	20	0.4	0.7	0.5	0.8	0.7	1.2	4	6	10	0.15	0.20	0.30	1.0	0.25
■ZSC-4-3-75	0.25-250	28	20	30	20	27	20	0.4	0.8	0.3	0.7	0.5	1.0	1	2	3	0.15	0.20	0.25	1.0	0.25
■ZB4PD1-32-75	0.25-300	34	20	36	25	28	22	0.2	0.6	0.3	0.6	0.5	1.0	1	2	3	0.15	0.20	0.25	1.0	0.25
■ZB4PD1-500-75	5-500	34	20	34	20	30	20	0.45	1.0	0.6	0.9	1.0	1.5	1	3	6	—	0.20	—	1.0	0.25

■ *75 Ω*

L = low range (f_L to $10f_L$) M = mid range ($10f_L$ to $f_U/2$) U = upper range ($f_U/2$ to f_U)

POWER SPLITTERS/COMBINERS 50Ω & 75Ω

500 kHz to 8.4 GHz

ZFSC-5 Case G1170 ZBSC-5 Case UU102

MODEL PREFIX	FREQUENCY RANGE (MHz) f_L-f_U	ISOLATION (dB) L Typ.	L Min.	M Typ.	M Min.	U Typ.	U Min.	INSERTION LOSS, (dB) L Typ.	L Max.	M Typ.	M Max.	U Typ.	U Max.	PHASE UNBAL., degrees L Max.	M Max.	U Max.	AMPLITUDE UNBAL. (dB) L Max.	M Max.	U Max.	RF POWER MAX (W) Sum Port (Matched output ports)	Internal Dissipation
5 WAY - 0°								***Insertion Loss Above 7 dB***													
ZFSC-5-1	1-300	25	20	23	18	20	17	0.2	0.5	0.6	1.0	1.5	2.0	2	4	8	0.20	0.30	0.60	1.0	0.5
ZBSC-5-1	120-520	25	18	25	18	25	18	1.0	2.0	1.0	2.0	1.0	2.0	8	8	8	—	0.90	—	1.0	0.625

ZBSC-6 Case UU102 ZB6PD-17 Case UU586 ZFSC-6 Case Q28 ZB6PD1 Case UU187 ZC6PD Case AB185 ZB6PD-1700 Case AB1232 ZB6PD-2 Case Z59

6 WAY - 0°								***Insertion Loss Above 7.8 dB***													
ZFSC-6-1	1-175	27	22	26	20	26	20	0.75	1.0	0.75	1.2	0.8	1.2	2	6	12	0.20	0.40	0.60	1.0	0.5
ZBSC-611	10-200	28	22	26	20	23	20	0.5	0.8	0.7	1.0	0.9	1.2	4	5	6	0.20	0.30	0.50	1.0	0.5
ZBSC-615	1-500	30	25	26	18	24	18	0.5	0.8	0.7	1.2	1.0	2.2	4	8	20	0.20	0.40	1.20	1.0	0.5
ZFSC-6-110	1-500	35	25	26	20	25	20	0.5	0.8	0.6	1.1	1.0	1.7	2	6	12	0.30	0.30	0.80	1.0	0.5
ZB6PD1-900	800-900	32	20	32	20	32	20	0.3	0.7	0.3	0.7	0.3	0.7	—	—	—	0.50	0.50	0.50	10.0	0.5
ZB6PD1-960	890-960	35	20	35	20	35	20	0.3	0.8	0.3	0.8	0.3	0.8	—	—	—	0.60	0.60	0.60	10.0	0.5
ZC6PD-960	890-960	30	20	30	20	30	20	0.4	0.8	0.4	0.8	0.4	0.8	—	—	—	0.40	0.40	0.40	10.0	0.875
ZC6PD-960W	700-1000	28	15	28	15	28	15	0.4	1.0	0.4	1.0	0.4	1.0	—	—	—	0.60	0.60	0.60	10.0	0.875
ZB6PD-17	600-1700	25	18	25	18	25	18	0.35	0.9	0.35	0.9	0.35	0.9	—	7	—	0.50	0.50	0.50	10.0	0.875
ZB6PD-1700	1500-1700	30	20	30	20	30	20	0.5	1.0	0.5	1.0	0.5	1.0	—	—	—	0.60	0.60	0.60	10.0	0.750
ZB6PD1-1900	1700-1900	32	20	32	20	32	20	0.4	0.8	0.4	0.8	0.4	0.8	—	—	—	0.60	0.60	0.60	10.0	0.5
ZC6PD-1900	1700-1900	30	20	30	20	30	20	0.4	0.8	0.4	0.8	0.4	0.8	—	—	—	0.50	0.50	0.50	10.0	0.875
ZB6PD-2	800-2000	27	17	27	17	27	17	0.7	1.7	0.7	1.7	0.7	1.7	—	—	—	0.70	0.70	0.70	10.0	0.875
ZC6PD-1900W	1500-2000	30	15	30	15	30	15	0.5	1.0	0.5	1.0	0.5	1.0	—	—	—	0.60	0.60	0.60	10.0	0.875
■ ZFSC-6-1-75	1-200	30	25	30	22	20	18	0.75	1.0	0.75	1.0	0.9	1.2	2	6	12	0.20	0.40	0.60	1.0	0.5

■ *75Ω*

L = low range (f_L to $10f_L$) M = mid range ($10f_L$ to $f_U/2$) U = upper range ($f_U/2$ to f_U)

ZBSC-8 Case UU1268 | ZCSC-8 Case UU215 | ZFSC-8 Case R29 | ZC8PD Case AB186 | ZB8PD Case Z41 | ZN8PD1 Case JN1359 | ZC8PD1 Case DE749

MODEL PREFIX	FREQUENCY RANGE (MHz) f_L-f_U	ISOLATION (dB) L Typ.	L Min.	M Typ.	M Min.	U Typ.	U Min.	INSERTION LOSS, (dB) L Typ.	L Max.	M Typ.	M Max.	U Typ.	U Max.	PHASE UNBAL., degrees L Max.	M Max.	U Max.	AMPLITUDE UNBAL. (dB) L Max.	M Max.	U Max.	RF POWER MAX (W) Sum Port (Matched output ports)	Internal Dissipation
8 WAY - 0°								***Insertion Loss Above 9 dB***													
ZFSC-8-1	0.5-175	30	25	30	20	25	18	0.8	1.2	0.8	1.2	1.0	1.6	1.0	2.5	5.0	0.2	0.2	0.3	1.0	0.62
ZCSC-8-1	2-250	37	27	30	20	24	18	0.65	1.2	0.8	1.2	1.0	1.6	2.0	4.0	8.0	0.2	0.3	0.5	1.0	0.62
ZFSC-8-4	5-700	35	20	25	17	20	17	0.8	1.2	1.2	1.8	1.8	2.5	2.0	5.0	15.0	0.2	0.4	0.7	1.0	0.62
ZBSC-8-82	10-800	28	25	26	22	25	20	0.6	1.0	0.9	1.5	1.8	2.8	2.0	4.0	9.0	0.2	0.3	0.5	1.0	1.0
ZC8PD-900	800-900	30	20	30	20	30	20	0.4	0.7	0.4	0.7	0.4	0.7	5.0	5.0	5.0	0.4	0.4	0.4	10.0	0.875
ZB8PD-1	800-960	30	20	30	20	30	20	0.4	0.9	0.4	0.9	0.4	0.9	8.0	8.0	8.0	0.4	0.4	0.4	10.0	0.875
ZCSC-8-13	5-1000	34	20	22	18	20	16	0.5	1.5	1.2	2.2	1.8	3.0	5.0	10.0	15.0	1.0	0.7	1.3	0.5	0.875
ZFSC-8-43	10-1000	23	20	25	20	26	20	1.0	1.6	1.4	2.1	2.1	2.9	5.0	10.0	20.0	0.4	0.4	0.7	1.0	0.62
ZC8PD1-10	300-1000	27	17	27	17	27	17	0.6	1.4	0.6	1.4	0.6	1.4	8.0	8.0	8.0	0.7	0.7	0.7	10.0	2.0
ZCSC-8-152	0.5-1550	48	40	38	35	35	32	20.0	23.0	20.5	21.5	22.0	24.5	7.0	6.0	11.0	1.5	0.8	1.3	0.5	3.0
ZB8PD-2000	800-2000	26	18	26	18	26	18	0.8	1.7	0.8	1.7	0.8	1.7	—	—	—	0.7	0.7	0.7	10.0	0.875
ZB8PD-2	1000-2000	24	17	24	17	24	17	0.8	1.3	0.8	1.3	0.8	1.3	18.0	18.0	18.0	0.8	0.8	0.8	10.0	0.875
ZB8PD-4	2000-4200	23	16	23	16	23	16	0.8	1.8	0.8	1.8	0.8	1.8	10.0	10.0	10.0	1.2	1.2	1.2	10.0	0.875
ZB8PD-6.4	5600-6800	26	18	26	18	26	18	0.8	1.7	0.8	1.7	0.8	1.7	15.0	15.0	15.0	0.7	0.7	0.7	10.0	0.875
ZB8PD-622	3200-6200	26	16	26	16	26	16	0.8	1.8	0.8	1.8	0.8	1.8	6.0	6.0	6.0	0.7	0.7	0.7	10.0	0.875
ZB8PD-8.4	7200-8400	25	20	25	20	25	20	0.9	1.6	0.9	1.6	0.9	1.6	15.0	15.0	15.0	0.8	0.8	0.8	10.0	0.875
ZN8PD1-53	500-5000	20	17	20	17	20	17	1.5	2.0	1.5	2.0	1.5	2.0	14.0	14.0	14.0	0.5	0.5	0.5	10.0	1.5
■ ZFSC-8375	50-90	30	25	30	25	30	25	1.0	1.3	1.0	1.3	1.0	1.3	2.0	2.0	2.0	0.2	0.2	0.2	1.0	0.62
■ ZFSC-8-1-75	0.5-175	25	20	30	20	25	20	0.5	1.0	0.6	1.1	0.7	1.3	1.0	2.5	5.0	0.2	0.3	0.5	1.0	0.62
■ ZFSC-84-75	1-300	26	20	30	25	30	23	0.8	1.5	0.7	1.1	0.9	1.5	4.0	3.0	8.0	0.2	0.2	0.4	1.0	0.62
■ ZFSC-8-4-75	5-1000	35	20	25	16	20	15	0.4	1.0	0.6	1.6	1.6	2.7	2.0	7.0	13.0	0.3	0.5	1.2	1.0	0.62
■ ZB8PD-22-75	950-2200	24	16	24	16	24	16	0.7	1.6	0.7	1.6	0.7	1.6	—	—	—	0.7	0.7	0.7	10.0	0.875

■ *75 Ω*

L = low range (f_L to $10f_L$) M = mid range ($10f_L$ to $f_U/2$) U = upper range ($f_U/2$ to f_U)

POWER SPLITTERS/COMBINERS

10 kHz to 2.6 GHz 50 Ω & 75 Ω


ZC9PD
Case AB204

MODEL PREFIX	FREQUENCY RANGE (MHz) f_L-f_U	ISOLATION (dB) L Typ.	L Min.	M Typ.	M Min.	U Typ.	U Min.	INSERTION LOSS, (dB) L Typ.	L Max.	M Typ.	M Max.	U Typ.	U Max.	PHASE UNBAL., degrees L Max.	M Max.	U Max.	AMPLITUDE UNBAL. (dB) L Max.	M Max.	U Max.	RF POWER MAX (W) Sum Port (Matched output ports)	Internal Dissipation
9 WAY - 0°								***Insertion Loss Above 9.6 dB***													
ZC9PD-1000	800-1000	30	20	30	20	30	20	0.6	1.2	0.6	1.2	0.6	1.2	—	—	—	0.6	0.6	0.6	10.0	1.5


ZC10PD
Case AB204


ZFSC-10
Case RR93

10 WAY - 0°								***Insertion Loss Above 10 dB***													
ZFSC-10-1	0.5-100	28	20	30	24	27	20	0.5	0.8	0.4	1.0	0.8	1.5	3	6	10	0.2	0.3	0.4	1.0	0.87
ZC10PD-900W	750-900	30	20	30	20	30	20	0.4	1.0	0.4	1.0	0.4	1.0	—	—	—	0.6	0.6	0.6	10.0	1.5
ZC10PD-900	800-900	25	20	25	20	25	20	1.5	2.0	1.5	2.0	1.5	2.0	—	—	—	0.8	0.8	0.8	10.0	1.5
ZC10PD-26	2300-2600	35	20	35	20	35	20	0.7	1.9	0.7	1.9	0.7	1.9	15	15	15	1.1	1.1	1.1	10.0	0.80


ZN12PD
Case UU589


ZFSC-12
Case R67

12 WAY - 0°								***Insertion Loss Above 10.8 dB***													
ZFSC-12-1	1-200	30	25	35	20	28	20	0.8	1.2	1.1	1.4	1.3	1.6	4	8	16	0.3	0.2	0.3	1.0	0.87
ZFSC-12-11	10-300	28	20	33	25	28	20	1.1	1.3	1.1	1.5	1.5	1.8	2	4	6	0.2	0.3	0.4	1.0	0.87
ZN12PD-17	800-1700	30	18	30	18	28	20	0.45	1.2	0.45	1.2	0.45	1.2	14	14	14	0.7	0.7	0.7	10.0	2.0
■ ZFSC-12-1-75	10-200	35	27	—	—	27	20	0.5	0.8	—	—	0.8	1.3	—	—	—	0.25	—	0.4	1.0	0.87
■ ZFSC-12-175	10-500	23	20	24	20	22	18	0.9	1.2	1.0	1.3	1.2	2.0	—	—	—	0.4	0.5	0.8	1.0	0.87
■ ZFSC-12-1W-75	5-860	33	22	30	20	26	18	0.5	1.2	0.8	2.5	1.6	4.2	2	8	20	0.7	0.8	1.5	1.0	0.87

■ ***75 Ω***

L = low range (f_L to $10f_L$) M = mid range ($10f_L$ to $f_U/2$) U = upper range ($f_U/2$ to f_U)

ZC16PD
Case UU179, UU640, UU573

ZFSC-16
Case R30

MODEL PREFIX	FREQUENCY RANGE (MHz) f_L-f_U	ISOLATION (dB) L Typ.	L Min.	M Typ.	M Min.	U Typ.	U Min.	INSERTION LOSS, (dB) L Typ.	L Max.	M Typ.	M Max.	U Typ.	U Max.	PHASE UNBAL., degrees L Max.	M Max.	U Max.	AMPLITUDE UNBAL. (dB) L Max.	M Max.	U Max.	RF POWER MAX (W) Sum Port (Matched output ports)	Internal Dissipation
16 WAY - 0°								***Insertion Loss Above 12 dB***													
ZFSC-16-3	1-30	45	28	45	28	45	28	0.5	0.9	0.5	0.9	0.5	0.9	1	2	3		0.1		1.0	0.87
ZFSC-16-1	0.5-125	30	24	25	18	20	15	1.0	1.2	1.1	1.3	1.2	1.4	1	3	5	0.3	0.2	0.5	1.0	0.87
ZFSC-16-12	0.1-200	33	20	27	20	26	20	0.6	1.5	0.7	1.0	0.9	1.5	2	6	9	0.4	0.2	0.4	1.0	0.87
ZC16PD-900	800-900	30	20	30	20	30	20	0.5	1.0	0.5	1.0	0.5	1.0	—	—	—	0.5	0.5	0.5	10.0	2.4
ZC16PD-960	890-960	28	20	28	20	28	20	0.5	1.0	0.5	1.0	0.5	1.0	—	—	—	0.5	0.5	0.5	10.0	2.4
ZC16PD-960W	700-1000	26	15	26	15	26	15	0.5	1.3	0.5	1.3	0.5	1.3	—	—	—	0.6	0.6	0.6	10.0	2.4
ZC16PD-1900	1700-1900	30	20	30	20	30	20	0.5	1.0	0.5	1.0	0.5	1.0	—	—	—	0.8	0.8	0.8	10.0	2.4
ZC16PD-1900W	1500-2100	30	15	30	15	30	15	0.7	1.4	0.7	1.4	0.7	1.4	—	—	—	0.8	0.8	0.8	10.0	2.4
ZC16PD-23	1500-2300	32	20	32	20	32	20	0.8	1.4	0.8	1.4	0.8	1.4	11	11	11	0.6	0.6	0.6	10.0	2.0
ZC16PD-24	650-2400	25	14	25	14	25	14	0.8	2.25	0.8	2.25	0.8	2.25	14	14	14	0.9	0.9	0.9	10.0	2.4
ZC16PD-252	10-2500	25	20	17	14	16	14	1.5	2.8	3.2	4.5	5.5	6.5	2	10	18	0.7	0.7	1.0	1.0	0.75
ZC16PD-2185	1800-2600	30	16	30	16	30	16	0.5	1.4	0.5	1.4	0.5	1.4	6	6	6	0.7	0.7	0.7	10.0	1.75
■ ZFSC-16-675	0.01-25	25	20	40	25	25	20	0.8	1.1	0.4	0.8	1.0	1.6	4	3	5	0.4	0.2	0.4	1.0	0.87
■ ZFSC-16-1-75	1-150	30	25	30	25	25	20	0.8	1.1	0.7	1.1	1.0	1.3	3	6	10	0.4	0.2	0.4	1.0	0.87

ZFSC-24
Case AB204, R31

24 WAY - 0°								***Insertion Loss Above 13.8 dB***													
ZFSC-24-1	0.2-100	—	—	25	20	—	—	—	—	1.0	2.0	—	—	—	—	—	0.6	0.4	0.5	1.0	0.87
ZFSC-24-11	1-200	33	25	22	20	20	17	0.9	1.7	1.0	1.8	1.3	2.2	—	—	—	0.6	0.8	0.8	1.0	0.87
■ ZFSC-24-11-75	1-200	35	25	33	20	27	20	0.6	1.3	0.8	1.5	1.1	2.0	—	—	—	0.6	0.4	0.6	1.0	0.87

ZFSC-48-1
Case HH68

48 WAY - 0°								***Insertion Loss Above 16.8 dB***													
ZFSC-48-1	10-300	30	25	28	20	23	20	1.2	2.0	2.1	2.5	2.8	4.0	—	—	—	0.8	0.9	1.2	1.0	0.87

■ *75 Ω*

L = low range (f_L to $10f_L$) M = mid range ($10f_L$ to $f_U/2$) U = upper range ($f_U/2$ to f_U)

POWER SPLITTERS/COMBINERS *High Power 50Ω*

2 MHz to 2300 MHz up to 50 Watts

2 WAY

ZAPD-2-21-3W Case F53 | ZA2CS Case AW254

3 WAY

ZA3CS-400-3W Case CC51 | ZA3CS Case AX255 | ZB3CS-920-15W Case AW256 | ZB3CS-900-6W Case Z667

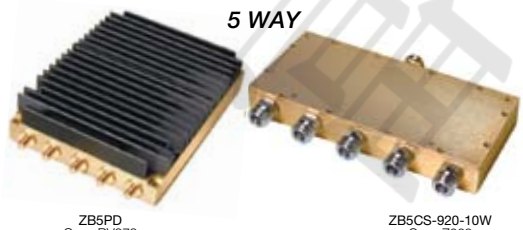
MODEL PREFIX	FREQUENCY RANGE (MHz) f_L-f_U	ISOLATION (dB) Typ.	ISOLATION (dB) Min.	INSERTION LOSS (dB) Typ.	INSERTION LOSS (dB) Max.	PHASE UNBALANCE Degrees Typ.	PHASE UNBALANCE Degrees Max.	AMPLITUDE UNBALANCE (dB) Typ.	AMPLITUDE UNBALANCE (dB) Max.	INPUT RF Power Max (W) Output ports - Total (Matched sum port)	INPUT RF Power Max (W) Sum Port (Matched output ports)
2 WAY				*Insertion Loss Above 3.0 dB*							
ZA2CS-500-15W	200-500	31	20	0.3	1.0	0.3	3.0	0.10	0.4	15.0	15
ZA2CS-600-10W	100-600	27	15	0.4	1.3	0.4	3.0	0.15	0.5	10.0	10
ZA2CS-10-20W	900-1000	38	20	0.2	0.5	0.5	3.0	0.11	0.3	20.0	20
ZAPD-2-21-3W	700-2100	25	20	0.4	1.2	0.7	3.0	0.05	0.3	2.5	10
3 WAY				*Insertion Loss Above 4.8 dB*							
ZA3CS-400-3W	2-400	25	17	0.5	1.2	0.2	3.0	0.15	0.5	3.0	10
ZA3CS-450-9W	100-450	22	15	0.9	1.8	2.5	8.0	0.20	0.7	9.0	12
ZB3CS-900-6W	440-900	24	17	0.2	1.0	3.0	6.0	0.10	0.4	6.0	20
ZB3CS-920-15W	825-920	27	17	0.2	0.8	1.7	6.0	0.11	0.5	15.0	15

4 WAY

ZB4CS-440-12W ZB4CS-870-12W Case AW256 | ZB4CS-700-10W Case Z689 | ZB4PD-232-50W Case BV278

4 WAY				*Insertion Loss Above 6.0 dB*							
ZB4CS-440-12W	100-440	27	17	0.6	1.2	0.8	4.0	0.15	0.5	12.0	10
ZB4CS-700-10W	400-700	25	20	0.35	0.8	0.6	4.0	0.10	0.3	10.0	20
ZB4CS-870-10W	570-870	28	20	0.35	0.8	0.6	3.0	0.10	0.3	10.0	20
ZB4CS-960-12W	820-960	28	17	0.3	0.8	2.0	6.0	0.20	0.6	12.0	12
ZB4PD-232-50W	600-2300	19	16	1.1	2.0	0.9	10.0	0.05	0.7	50.0	50

5 WAY



ZB5PD Case BV278 | ZB5CS-920-10W Case Z668

6 WAY

ZB6CS-150-12W Case Z259

8 WAY

ZB8CS Case AW257

5 WAY				*Insertion Loss Above 7.0 dB*							
ZB5PD-894-50W	800-894	32	20	0.4	0.8	—	—	0.15	0.45	50.0	50
ZB5CS-920-10W	450-920	26	18	0.4	1.0	2.0	7.0	0.10	0.6	10.0	20
6 WAY				*Insertion Loss Above 7.8 dB*							
ZB6CS-150-12W	50-150	32	20	0.5	1.2	3.0	9.0	0.15	0.5	12.0	10
8 WAY				*Insertion Loss Above 9.0 dB*							
ZB8CS-950-32W	800-950	30	18	0.4	1.0	2.0	6.0	0.10	0.5	32.0	32