

Power Splitter



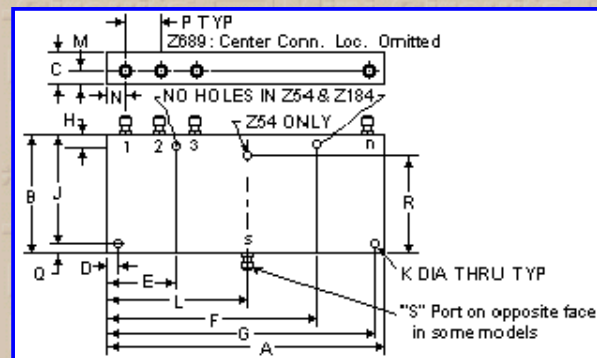
Notes:

- Non-catalog model. Please consult factory for price and delivery.
- General Quality Control Procedures and Environmental Specifications are given in [Mini-Circuits Guarantees Quality](#). Hi-Rel, MIL description are given in [Hi-Rel](#) and [MIL](#).
- Prices and Specifications subjects to change without notice.

ZB8PD-ED10689/1 8 Way-0°

Frequency MHz	Isolation, dB			Insertion Loss, dB Above 9.0dB			Phase Unbalance Degrees			Amplitude Unbalance, dB			VSWR (:1)	
	L	M	U	L	M	U	L	M	U	L	M	U	S	OUT
$f_L - f_U$	Typ. Min.	Typ. Min.	Typ. Min.	Typ. Max.	Typ. Max.	Typ. Max.	Max.	Max.	Max.	Max.	Max.	Max.	Typ. Max.	Typ. Max.
1660-2440	28			1.10									1.40	1.20

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)



Case Style - Z41 (inch,mm) weight: 800 grams.

A	B	C	D	E	F	G	H	J
7.06	3.13	.88	.250	1.750	5.310	6.810	.250	2.875
179.324	79.502	22.352	6.350	44.450	134.874	172.974	6.350	73.025
K	L	M	N	P	Q	R	S	T
.144	3.53	.44	.415	.89				
3.658	89.662	11.176	10.541	22.606				

Tolerance: .x ± .1 .xx ± .03 .xxx ± .015 inch.

Material and Finish:

Case material: aluminum alloy. Finish: grey paint or yellow iridite.

Connectors:

Connectors: Please specify; Type N or SMA.

FREQ (MHz)	Insertion Loss						Amplitude Unbalance (dB)	Isolation			Phase Unbalance (Degrees)	FREQ (MHz)	VSWR S	VSWR 1	VSWR 8	
	(dB) S-1	(dB) S-2	(dB) S-3	(dB) S-4	(dB) S-6	(dB) S-8		(dB) 1-2	(dB) 1-8	(dB) 3-4						(dB) 6-7
1660.00	10.08	10.04	9.98	9.95	10.06	9.98	0.130	21.53	19.73	21.96	21.88	1.03	1660.00	1.62	1.10	1.13
1700.00	9.90	9.84	9.80	9.76	9.87	9.76	0.140	23.23	20.56	23.75	23.58	1.15	1700.00	1.37	1.07	1.11
1740.00	9.92	9.87	9.81	9.76	9.87	9.77	0.160	25.51	21.56	26.09	25.87	1.19	1740.00	1.18	1.07	1.10
1780.00	9.89	9.83	9.76	9.73	9.81	9.67	0.220	28.22	22.45	28.87	28.58	1.40	1780.00	1.06	1.07	1.09
1820.00	9.96	9.88	9.83	9.79	9.87	9.73	0.220	31.79	23.43	32.18	32.03	1.30	1820.00	1.10	1.09	1.09
1860.00	10.05	9.98	9.92	9.89	9.92	9.76	0.290	36.02	24.43	34.79	35.63	1.63	1860.00	1.17	1.12	1.11
1900.00	10.07	9.98	9.95	9.92	9.92	9.76	0.300	37.18	25.36	33.88	35.99	1.70	1900.00	1.20	1.15	1.12
1930.00	10.19	10.10	10.13	10.07	10.03	9.83	0.360	34.89	26.29	31.77	34.10	1.87	1930.00	1.21	1.16	1.13
1960.00	10.19	10.05	10.16	10.06	10.00	9.80	0.390	32.50	27.22	29.62	31.96	1.45	1960.00	1.21	1.18	1.14
1990.00	10.20	10.03	10.21	10.07	10.01	9.81	0.400	30.71	28.16	28.03	30.20	1.23	1990.00	1.18	1.20	1.15
2020.00	10.21	10.01	10.21	10.07	10.03	9.81	0.400	29.41	28.92	26.91	28.81	1.40	2020.00	1.13	1.21	1.16
2050.00	10.18	9.99	10.19	10.05	10.04	9.80	0.390	28.31	29.46	26.05	27.71	1.25	2050.00	1.08	1.21	1.16
2080.00	10.18	10.03	10.22	10.10	10.10	9.83	0.400	27.58	29.77	25.50	26.86	1.20	2080.00	1.04	1.21	1.15
2110.00	10.13	9.96	10.13	10.02	10.05	9.78	0.350	26.86	29.72	25.01	26.14	1.45	2110.00	1.01	1.20	1.15
2140.00	10.12	9.99	10.11	10.04	10.10	9.78	0.330	26.44	29.48	24.81	25.75	1.41	2140.00	1.06	1.19	1.13
2170.00	10.21	10.09	10.19	10.15	10.18	9.84	0.370	26.29	29.16	24.83	25.63	1.66	2170.00	1.10	1.17	1.12
2200.00	10.15	10.04	10.09	10.06	10.10	9.81	0.330	26.18	28.46	24.81	25.51	1.74	2200.00	1.14	1.15	1.10
2240.00	10.24	10.14	10.18	10.17	10.21	9.89	0.350	26.60	27.38	25.28	25.88	1.68	2240.00	1.18	1.12	1.07
2280.00	10.31	10.19	10.21	10.24	10.25	9.97	0.340	27.71	26.02	26.19	26.66	1.69	2280.00	1.21	1.08	1.03
2320.00	10.32	10.23	10.26	10.32	10.31	10.03	0.360	29.72	24.52	27.78	28.10	1.48	2320.00	1.23	1.04	1.02
2360.00	10.48	10.34	10.41	10.46	10.45	10.17	0.420	33.19	23.19	30.55	30.45	2.07	2360.00	1.28	1.02	1.05
2400.00	10.60	10.47	10.56	10.65	10.63	10.34	0.440	34.99	21.94	34.00	33.46	1.42	2400.00	1.40	1.06	1.09
2440.00	10.78	10.63	10.80	10.91	10.85	10.55	0.520	29.90	20.89	32.63	33.30	1.51	2440.00	1.61	1.11	1.13



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