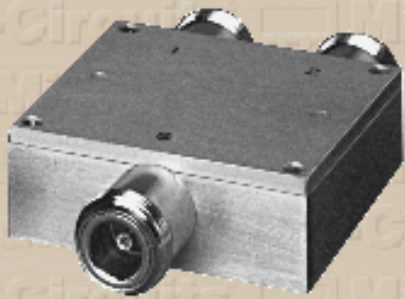


Power Splitter



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.

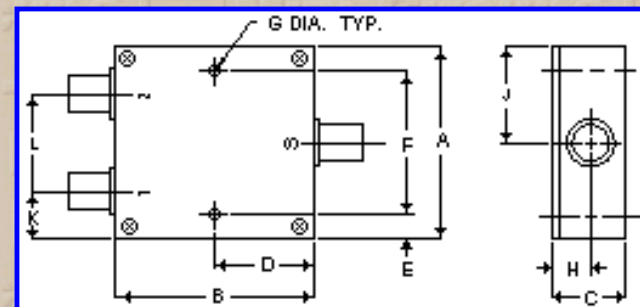
ZAPD-ED7722/1 2 Way-0°

Frequency MHz	Isolation, dB			Insertion Loss, dB Above 3.0dB			Phase Unbalance Degrees			Amplitude Unbalance, dB		
	L	M	U	L	M	U	L	M	U	L	M	U
$f_L - f_U$	Typ. Min.	Typ. Min.	Typ. Min.	Typ. Max.	Typ. Max.	Typ. Max.	Max.	Max.	Max.	Max.	Max.	Max.
2700-8300												

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)

Pin Connections

Port	Sum Port	Port 1	Port 2
as	S	1	2



Case Style - F14 (inch,mm) weight: 170 grams.

A	B	C	D	E	F	G	H	J
2.00	2.00	.75	1.00	.25	1.500	.125	.39	1.00
50.800	50.800	19.050	25.400	6.350	38.100	3.175	9.906	25.400
K	L	M	N	P	Q	R	S	T
.50	1.00							
12.700	25.400							

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

Material and Finish:

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

Marking:

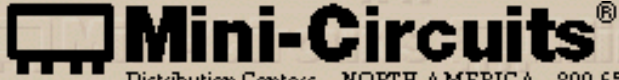
For port markings 1, 2, and 3 see specification data sheet.

Connectors:

Connectors: please specify, unless otherwise noted; BNC is standard, TNC, SMA and Type N, consult factory. (ZAPD -4 units not available with BNC).

FREQ (MHz)	Insertion Loss (dB)		Amplitude Unbalance (dB)	Isolation (dB) 1-2	Phase Unbalance (Degrees)	FREQ (MHz)	VSWR S	VSWR 1	VSWR 2
	S-1	S-2							
2700.00	3.34	3.32	0.020	13.51	0.13	2700.00	1.89	1.27	1.26
2800.00	3.50	3.48	0.020	13.86	0.20	2800.00	1.82	1.27	1.27
2900.00	3.59	3.56	0.030	14.22	0.21	2900.00	1.77	1.28	1.28
3000.00	3.68	3.66	0.020	14.56	0.22	3000.00	1.72	1.28	1.29
3100.00	3.72	3.70	0.020	14.91	0.27	3100.00	1.70	1.29	1.29
3200.00	3.77	3.76	0.010	15.36	0.24	3200.00	1.69	1.29	1.30
3300.00	3.77	3.77	0.000	15.85	0.13	3300.00	1.69	1.30	1.31
3400.00	3.72	3.71	0.010	16.43	0.26	3400.00	1.70	1.31	1.32
3500.00	3.59	3.59	0.000	17.06	0.26	3500.00	1.71	1.31	1.32
3600.00	3.38	3.36	0.020	17.67	0.21	3600.00	1.72	1.32	1.33
3700.00	3.26	3.24	0.010	18.18	0.23	3700.00	1.71	1.33	1.33
3800.00	3.32	3.32	0.000	18.70	0.35	3800.00	1.70	1.33	1.32
3900.00	3.41	3.41	0.010	19.28	0.24	3900.00	1.66	1.33	1.31
4000.00	3.32	3.32	0.000	19.82	0.25	4000.00	1.62	1.32	1.30
4100.00	3.29	3.28	0.010	20.76	0.27	4100.00	1.56	1.31	1.28
4200.00	3.37	3.35	0.020	22.04	0.15	4200.00	1.49	1.29	1.27
4500.00	3.37	3.35	0.020	27.51	0.28	4500.00	1.27	1.24	1.20
4800.00	3.37	3.31	0.060	42.69	0.38	4800.00	1.14	1.20	1.17
5100.00	3.48	3.45	0.030	32.82	0.53	5100.00	1.09	1.19	1.16
5400.00	3.37	3.36	0.000	27.49	0.70	5400.00	1.10	1.15	1.15
5700.00	3.37	3.39	0.020	26.07	0.41	5700.00	1.18	1.11	1.14
6000.00	3.35	3.35	0.000	27.07	0.20	6000.00	1.21	1.12	1.16
6200.00	3.31	3.28	0.030	29.67	0.24	6200.00	1.16	1.16	1.18
6400.00	3.35	3.29	0.060	34.36	0.29	6400.00	1.08	1.20	1.18
6600.00	3.38	3.32	0.060	32.98	0.44	6600.00	1.08	1.21	1.17
6800.00	3.37	3.33	0.040	27.38	0.63	6800.00	1.17	1.20	1.14
7000.00	3.39	3.36	0.030	23.53	0.61	7000.00	1.21	1.18	1.12
7100.00	3.31	3.29	0.020	22.07	0.57	7100.00	1.21	1.17	1.13
7200.00	3.31	3.30	0.010	20.91	0.55	7200.00	1.21	1.16	1.14

7300.00	3.23	3.20	0.030	19.95	0.63	7300.00	1.21	1.16	1.16
7400.00	3.10	3.09	0.010	19.10	0.64	7400.00	1.23	1.17	1.19
7500.00	3.27	3.24	0.030	18.35	0.66	7500.00	1.27	1.17	1.21
7600.00	3.49	3.47	0.020	17.68	0.71	7600.00	1.34	1.19	1.23
7700.00	3.52	3.51	0.020	16.99	0.71	7700.00	1.42	1.20	1.25
7800.00	3.72	3.71	0.010	16.40	0.82	7800.00	1.50	1.21	1.26
7900.00	3.78	3.77	0.010	15.94	0.85	7900.00	1.57	1.22	1.27
8000.00	3.71	3.72	0.010	15.50	0.86	8000.00	1.61	1.22	1.27
8100.00	3.79	3.80	0.010	15.24	0.70	8100.00	1.62	1.23	1.27
8200.00	3.70	3.73	0.020	15.08	0.75	8200.00	1.59	1.23	1.27
8300.00	3.65	3.68	0.030	14.87	0.66	8300.00	1.54	1.22	1.25



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