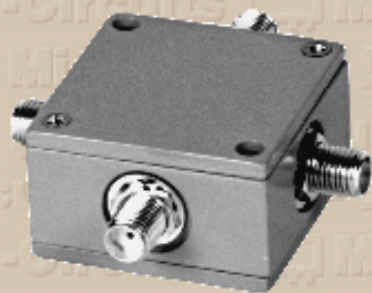


Power Splitter



Notes:

- Denotes 75 Ohm model, for coax connector models 75 Ohm BNC connectors are standard.
- 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.

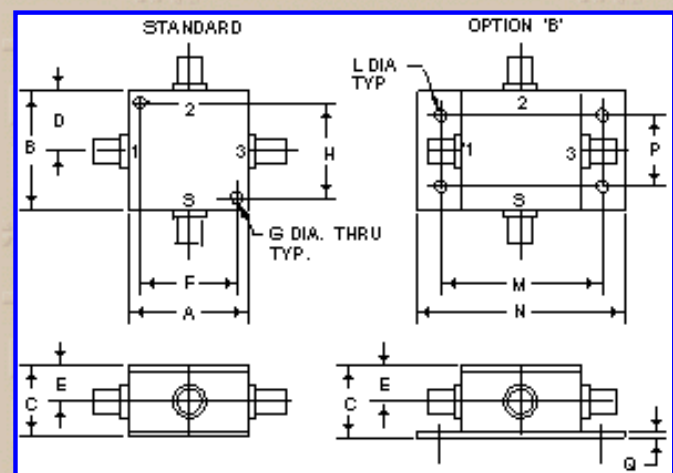
ZFSC-ED6435/2 3 Way-0°

Frequency MHz	Isolation, dB						Insertion Loss, dB Above 4.8dB						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.
0.28-1250																		

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 1	Port 2	Port 3
be	S	1	2	3



Case Style - J17 (inch,mm) weight: 75 grams.

A	B	C	D	E	F	G	H	J
1.25	1.25	.75	.63	.38	1.000	.125	1.000	
31.750	31.750	19.050	16.002	9.652	25.400	3.175	25.400	
K	L	M	N	P	Q	R	S	T
	.125	1.688	2.18	.75	.07			
	3.175	42.875	55.372	19.050	1.778			

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

Material and Finish:

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

Mounting bracket finish: iridite or clear anodize.

Mounting:

Mounting bracket available on request. Add suffix B to part number.

Connectors:

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

For Bracket Version, Option B, this dimension, "C*", changes from 0.75 to 0.94 inches when connectors are type N or TNC.

FREQ (MHz)	Insertion Loss (dB) S-1	Insertion Loss (dB) S-2	Insertion Loss (dB) S-3	Amplitude Unbalance (dB)	Isolation (dB) 1-2	Isolation (dB) 2-3	Phase Unbalance (Degrees)	FREQ (MHz)	VSWR S	VSWR 1	VSWR 2	VSWR 3
0.280	5.08	5.07	5.08	0.010	26.90	27.17	0.13	0.280	1.37	1.60	1.59	1.60
0.370	5.06	5.06	5.07	0.000	27.69	27.81	0.08	0.370	1.27	1.48	1.47	1.47
0.460	5.07	5.07	5.07	0.010	28.35	28.51	0.12	0.460	1.21	1.41	1.40	1.40
0.550	5.07	5.06	5.07	0.000	28.90	29.07	0.03	0.550	1.21	1.36	1.36	1.36
0.640	5.07	5.07	5.07	0.000	29.41	29.61	0.07	0.640	1.18	1.33	1.33	1.33
0.730	5.07	5.06	5.07	0.010	29.91	30.10	0.03	0.730	1.15	1.31	1.30	1.30
0.820	5.07	5.08	5.08	0.000	30.38	30.60	0.03	0.820	1.14	1.29	1.28	1.29
0.910	5.08	5.08	5.07	0.010	30.83	31.04	0.06	0.910	1.12	1.27	1.27	1.27
1.000	5.07	5.08	5.07	0.000	31.27	31.46	0.06	1.000	1.11	1.26	1.26	1.26
72.35	5.03	5.01	5.02	0.010	34.12	33.73	0.02	72.35	1.02	1.12	1.12	1.12
143.71	5.07	5.05	5.06	0.010	31.46	31.16	0.03	143.71	1.02	1.11	1.11	1.11
215.07	5.10	5.08	5.08	0.020	29.12	28.90	0.10	215.07	1.03	1.10	1.10	1.10
286.42	5.13	5.10	5.11	0.030	27.35	27.12	0.18	286.42	1.03	1.10	1.10	1.10
357.78	5.18	5.11	5.15	0.060	25.96	25.68	0.41	357.78	1.04	1.11	1.10	1.11
429.14	5.21	5.14	5.26	0.120	24.94	24.70	0.25	429.14	1.06	1.13	1.11	1.13
500.50	5.28	5.19	5.26	0.080	24.04	23.78	0.40	500.50	1.08	1.16	1.13	1.16
571.85	5.35	5.23	5.30	0.120	23.96	23.07	0.28	571.85	1.12	1.19	1.15	1.18
643.21	5.42	5.28	5.36	0.140	22.91	22.55	0.38	643.21	1.15	1.23	1.19	1.23
714.57	5.47	5.31	5.42	0.160	22.67	22.23	0.43	714.57	1.19	1.28	1.23	1.28
785.92	5.59	5.39	5.54	0.200	22.70	22.16	0.53	785.92	1.23	1.33	1.28	1.33
857.28	5.69	5.45	5.63	0.240	23.10	22.39	0.79	857.28	1.26	1.40	1.33	1.39
928.64	5.80	5.51	5.75	0.290	23.92	22.99	0.98	928.64	1.28	1.46	1.39	1.46
1000.00	5.91	5.58	5.85	0.330	24.75	23.49	1.40	1000.00	1.25	1.51	1.42	1.50
1041.67	6.02	5.68	5.98	0.340	24.61	23.38	1.48	1041.67	1.21	1.53	1.43	1.53
1083.33	6.12	5.74	6.09	0.370	23.40	22.46	1.81	1083.33	1.16	1.55	1.44	1.55
1125.00	6.23	5.83	6.23	0.400	21.31	20.78	2.23	1125.00	1.14	1.54	1.43	1.54
1166.67	6.47	6.06	6.50	0.430	18.88	18.61	2.59	1166.67	1.20	1.50	1.40	1.52
1208.33	6.80	6.36	6.85	0.490	16.61	16.53	3.11	1208.33	1.34	1.45	1.35	1.48
1250.00	7.17	6.72	7.30	0.570	14.54	14.56	3.84	1250.00	1.56	1.39	1.28	1.43



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