

Coaxial

查询ZFSC-8-43供应商

捷多邦, 专业PCB打样工厂, 24小时加急出货

Power Splitter/Combiner

8 Way-0° 50Ω 10 to 1000 MHz

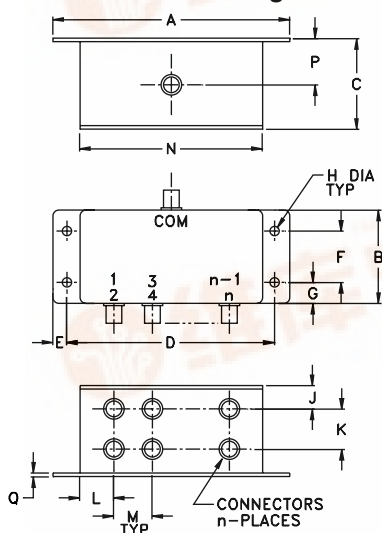
Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
Power Input (as a splitter)	1W max.
Internal Dissipation	0.62W max.

Coaxial Connections

SUM PORT	S(COM)
PORT 1,2,3,4,5,6,7,8	1,2,3,4,5,6,7,8

Outline Drawing



Outline Dimensions (inch/mm)

A	B	C	D	E	F	G	H
4.06	1.60	1.50	3.56	.24	.88	.36	.160
103.12	40.64	38.10	90.42	6.10	22.35	9.14	4.06

J	K	L	M	N	P	Q	wt.
.40	.69	.58	.66	3.13	.80	.06	grams
10.16	17.53	14.73	16.76	79.50	20.32	1.52	300

Features

- wideband, 10 to 1000 MHz
- good isolation, 25 dB typ.
- rugged shielded case

Applications

- VHF/UHF
- cellular
- signal processing
- communication systems



BNC version shown
CASE STYLE: R29

Connectors	Model	Price	Qty.
BNC	ZFSC-8-43(+)	\$138.95	(1-9)
SMA	ZFSC-8-43-S(+)	\$163.95	(1-9)

+ RoHS compliant in accordance
with EU Directive (2002/95/EC)

The +Suffix identifies RoHS Compliance. See our web site
for RoHS Compliance methodologies and qualifications.

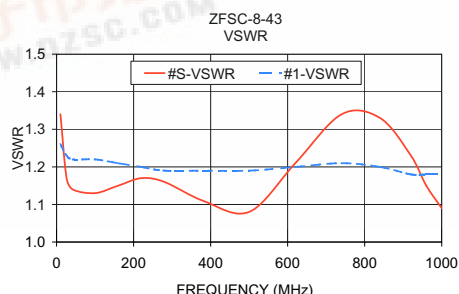
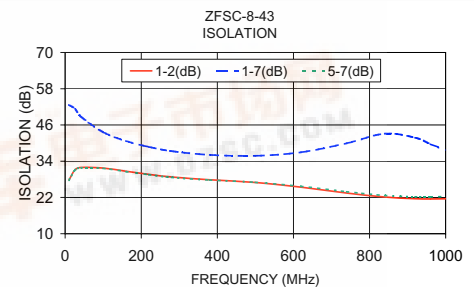
Electrical Specifications

FREQ. RANGE (MHz)	ISOLATION (dB)						INSERTION LOSS (dB) ABOVE 9.0 dB						PHASE UNBALANCE (Degrees)			AMPLITUDE UNBALANCE (dB)		
	L		M		U		L		M		U		L	M	U	L	M	U
	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Max.	Max.	Max.	Max.	Max.	Max.
f _L -f _U																		
10-1000	23	20	25	20	26	20	1.0	1.6	1.4	2.1	2.1	2.9	5	10	20	0.4	0.4	0.7

L = low range [f_L to 10 f_L] M = mid range [10 f_L to f_U/2] U = upper range [f_U/2 to f_U]

Typical Performance Data

Freq. (MHz)	Insertion Loss (dB)						Amp. Unbal. (dB)	Isolation (dB)				Phase Unbal. (deg.)	VSWR S	VSWR 1	VSWR 8
	S-1	S-2	S-3	S-4	S-6	S-8		1-2	1-7	3-4	5-7				
10.00	9.95	9.94	9.95	9.94	9.89	9.89	0.07	27.78	52.68	27.78	27.70	0.12	1.34	1.26	1.25
26.00	9.86	9.86	9.86	9.86	9.85	9.85	0.02	31.14	51.33	31.16	31.08	0.21	1.17	1.23	1.23
42.00	9.83	9.84	9.84	9.83	9.83	9.83	0.01	31.95	48.73	31.96	31.83	0.18	1.14	1.22	1.22
100.00	9.84	9.84	9.84	9.85	9.85	9.85	0.02	31.74	43.64	31.80	31.64	0.34	1.13	1.22	1.21
160.00	9.89	9.89	9.89	9.89	9.89	9.89	0.02	30.68	40.72	30.81	30.56	0.54	1.15	1.21	1.20
220.00	9.95	9.95	9.96	9.96	9.96	9.96	0.03	29.66	38.76	29.83	29.55	0.78	1.17	1.20	1.19
280.00	9.99	10.00	10.00	10.00	10.00	9.99	0.04	28.77	37.34	28.96	28.65	0.98	1.16	1.19	1.18
380.00	10.04	10.03	10.05	10.05	10.04	10.03	0.06	27.86	36.10	28.11	27.79	1.37	1.11	1.19	1.17
500.00	10.12	10.11	10.16	10.12	10.12	10.09	0.12	26.96	35.80	27.27	27.02	1.77	1.08	1.19	1.16
620.00	10.22	10.21	10.27	10.24	10.24	10.17	0.17	25.42	36.97	25.78	25.71	2.16	1.21	1.20	1.17
740.00	10.24	10.23	10.33	10.27	10.27	10.18	0.25	23.45	39.94	23.83	23.91	2.68	1.34	1.21	1.17
840.00	10.29	10.28	10.40	10.37	10.35	10.21	0.31	22.13	43.13	22.49	22.67	3.18	1.33	1.20	1.17
920.00	10.40	10.37	10.53	10.48	10.45	10.30	0.39	21.60	41.79	21.97	22.23	3.68	1.23	1.18	1.16
960.00	10.43	10.40	10.58	10.52	10.49	10.32	0.43	21.52	39.68	21.88	22.19	4.09	1.15	1.18	1.16
1000.00	10.52	10.46	10.67	10.60	10.56	10.39	0.48	21.57	37.66	21.93	22.30	4.41	1.09	1.18	1.16



electrical schematic



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ISO 9001 ISO 14001 CERTIFIED

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REV. B
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