

Coaxial

查询ZFSC-12-1供应商

捷多邦，专业PCB打样工厂，24小时加急出货

Power Splitter/Combiner

ZFSC-12-1+ ZFSC-12-1

12 Way-0° 50Ω 1 to 200 MHz

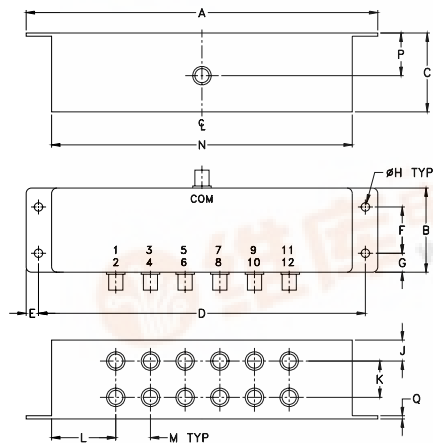
Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
Power Input (as a splitter)	1W max.
Internal Dissipation	0.87W max.

Coaxial Connections

SUM PORT	S(COM)
PORT 1,2,3,...,12	1,2,3,...,12

Outline Drawing



Outline Dimensions (inch/mm)

A	B	C	D	E	F	G	H
6.69	1.60	1.50	6.22	.24	.88	.36	.160
169.93	40.64	38.10	157.99	6.10	22.35	9.14	4.06
J	K	L	M	N	P	Q	wt.
.40	.69	1.22	.66	5.72	.81	.06	grams
10.16	17.53	30.99	16.76	145.29	20.57	1.52	310.0

Features

- high isolation, 35 dB typ.
- excellent amplitude unbalance, 0.2 dB typ.
- rugged shielded case

Applications

- HF/VHF
- instrumentation
- communication systems



BNC version shown
CASE STYLE: R67

Connectors	Model	Price	Qty.
BNC	ZFSC-12-1(+)	\$174.95	(1-9)
SMA	ZFSC-12-1-S(+)	\$209.95	(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.

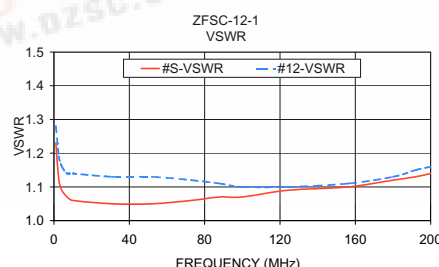
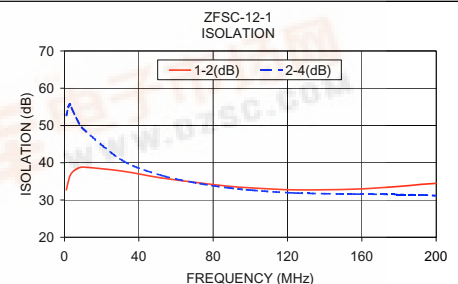
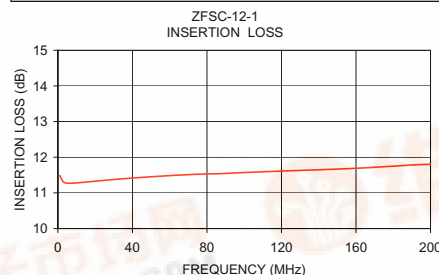
Electrical Specifications

FREQ. RANGE (MHz)	ISOLATION (dB)			INSERTION LOSS (dB) ABOVE 10.8 dB			PHASE UNBALANCE (Degrees)			AMPLITUDE UNBALANCE (dB)		
	L			M			U			L		
	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.
1-200	30	25	35	20	28	20	0.8	1.2	1.1	1.4	1.3	1.6

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)	Amplitude Unbalance (dB)	Isolation (dB)		Phase Unbalance (deg.)	VSWR S	VSWR 12
			1-3	2-4			
1.00	11.49	0.03	32.74	52.71	0.08	1.23	1.28
2.60	11.33	0.02	36.03	55.64	0.08	1.12	1.19
4.20	11.28	0.01	37.46	54.20	0.07	1.09	1.16
7.00	11.27	0.01	38.46	51.38	0.06	1.07	1.14
10.00	11.28	0.01	38.83	49.13	0.09	1.06	1.14
31.00	11.38	0.01	37.76	40.69	0.34	1.05	1.13
52.00	11.46	0.02	35.95	36.66	0.59	1.05	1.13
73.00	11.52	0.03	34.57	34.40	0.82	1.06	1.12
88.00	11.54	0.04	33.72	33.29	0.97	1.07	1.11
100.00	11.57	0.06	33.27	32.66	1.14	1.07	1.10
124.00	11.62	0.08	32.73	31.90	1.42	1.09	1.10
156.00	11.68	0.13	32.91	31.60	1.87	1.10	1.11
180.00	11.75	0.18	33.65	31.49	2.23	1.12	1.13
192.00	11.79	0.21	34.19	31.36	2.43	1.13	1.15
200.00	11.80	0.22	34.48	31.18	2.59	1.14	1.16



electrical schematic



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REV. A
M98898
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