

捷多邦，专业PCB打样工厂，24小时加急出货

Coaxial

Power Splitter/Combiner

2 Way-0° 75Ω 0.25 to 300 MHz

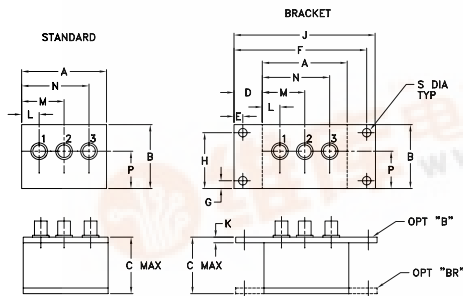
Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
Power Input (as a splitter)	1W max.
Internal Dissipation	0.125W max.

Coaxial Connections

SUPPORT	2
PORT 1	1
PORT 2	3

Outline Drawing



Outline Dimensions (inch)

A	B	C	D	E	F	G	H
2.25	1.38	1.24	.50	.150	3.100	.138	1.238
57.15	35.05	31.50	12.70	3.81	78.74	3.51	31.45

J	K	L	M	N	P	S	wt
3.25	.10	.40	1.15	1.86	.64	.150	grams
82.55	2.54	10.16	29.21	47.24	16.26	3.81	74.0

Features

- low insertion loss, 0.4 dB typ.
- high isolation, 30 dB typ.
- excellent amplitude unbalance, 0.1 dB typ.
- excellent phase unbalance, 0.2 deg. typ.
- excellent VSWR, 1.1:1 typ.
- rugged shielded case

Applications

- HF/VHF
- communications systems
- instrumentation



CASE STYLE: M22

Connectors	Model	Price	Qty.
BNC	ZSC-2-1-75(+)	\$49.95	(1-9)
BRACKET (OPTION "B")		\$5.00	(1+)
BRACKET (OPTION "BR")		\$1.50	(1+)

+ 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.

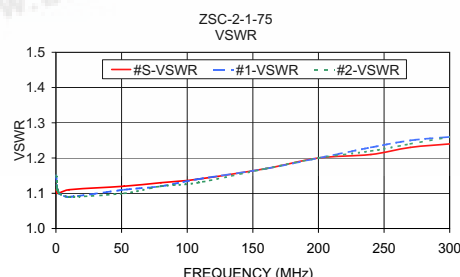
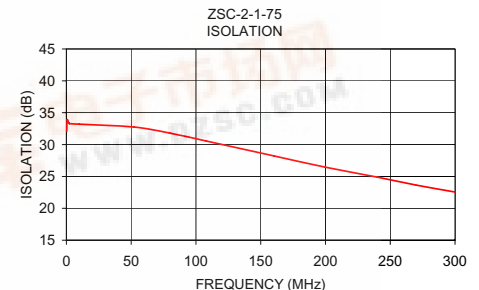
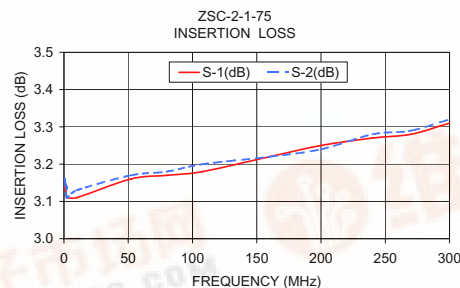
Splitter Electrical Specifications

FREQ. RANGE (MHz)	ISOLATION (dB)						INSERTION LOSS (dB) ABOVE 3.0 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																		
0.25-300	20	15	30	20	20	15	0.4	0.75	0.4	0.75	0.4	1.0	2	3	5	0.15	0.2	0.3

L = low range [f_i to $10 f_i$] M = mid range [$10 f_i$ to $f_i/2$] U = upper range [$f_i/2$ to f_i]

Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)		Amplitude Unbalance (dB)	Isolation (dB)	Phase Unbalance (deg.)	VSWR S	VSWR 1	VSWR 2
	S-1	S-2						
0.25	3.14	3.16	0.02	32.09	0.00	1.11	1.15	1.15
0.65	3.14	3.16	0.02	33.92	0.00	1.10	1.12	1.12
1.05	3.13	3.15	0.02	33.78	0.07	1.10	1.11	1.11
1.45	3.13	3.14	0.01	33.56	0.09	1.10	1.11	1.11
2.05	3.11	3.14	0.03	33.37	0.03	1.10	1.10	1.10
2.38	3.11	3.11	0.00	33.29	0.03	1.10	1.10	1.10
10.00	3.11	3.13	0.02	33.20	0.02	1.11	1.09	1.09
52.00	3.16	3.17	0.01	32.76	0.15	1.12	1.11	1.10
80.00	3.17	3.18	0.01	31.79	0.04	1.13	1.12	1.12
108.00	3.18	3.20	0.01	30.55	0.12	1.14	1.14	1.13
160.00	3.22	3.22	0.01	28.23	0.02	1.17	1.17	1.17
200.00	3.25	3.24	0.01	26.45	0.11	1.20	1.20	1.20
240.00	3.27	3.28	0.01	24.90	0.12	1.21	1.23	1.22
270.00	3.28	3.29	0.02	23.64	0.16	1.23	1.25	1.24
300.00	3.31	3.32	0.01	22.56	0.24	1.24	1.26	1.26



electrical schematic



dzsc.com

INTERNET <http://www.minicircuits.com>

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REV. A
M98898
ZSC-2-1-75