

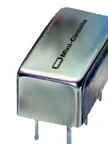
Plug-In

Power Splitter/Combiner

2 Way-0° 50Ω

400 to 1000 MHz

PSC-2-1000+
PSC-2-1000



CASE STYLE: A06
PRICE: \$27.20 ea. QTY (1-9)

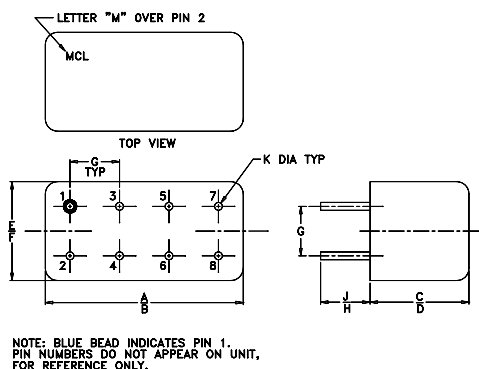
Maximum Ratings

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.

Pin Connections

SUM PORT	1
PORT 1	5
PORT 2	6
GROUND	2,3,4,7,8
CASE GROUND	2,3,4,7,8

Outline Drawing



Outline Dimensions (inch/mm)

A	B	C	D	E	F
.770	.800	.285	.310	.370	.400
19.56	20.32	7.24	7.87	9.40	10.16

G	H	J	K	wt
.200	.20	.14	.031	grams
5.08	5.08	3.56	0.79	5.2

Features

- low insertion loss, 0.5 dB typ.
- high isolation, 35 dB typ.
- rugged welded construction

Applications

- UHF
- cellular
- federal & defense communications

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

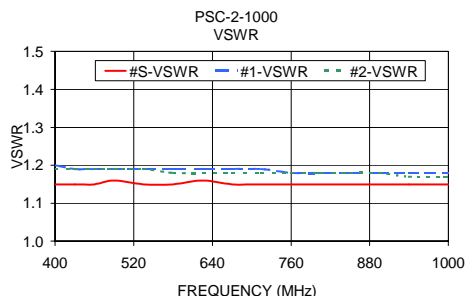
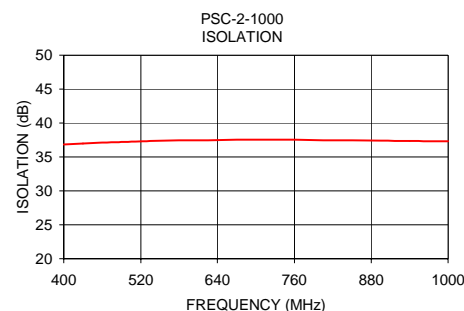
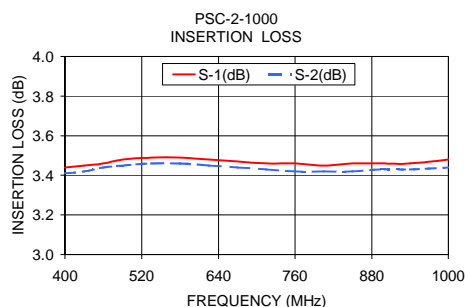
The + suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Splitter Electrical Specifications

FREQ. RANGE (MHz)	ISOLATION (dB)	INSERTION LOSS (dB) ABOVE 3.0 dB	PHASE UNBALANCE (Degrees)	AMPLITUDE UNBALANCE (dB)
f_L - f_U	Typ. Min.	Typ. Max.	Max.	Max.
400-1000	35 25	0.5 1.0	2.0	0.3

Typical Performance Data

Frequency (MHz)	Insertion Loss (dB) S-1	Insertion Loss (dB) S-2	Amplitude Unbalance (dB)	Isolation (dB)	Phase Unbalance (deg.)	VSWR S	VSWR 1	VSWR 2
400.00	3.44	3.41	0.03	36.84	0.11	1.15	1.20	1.19
430.00	3.45	3.42	0.03	36.97	0.11	1.15	1.19	1.19
460.00	3.46	3.44	0.03	37.10	0.10	1.15	1.19	1.19
490.00	3.48	3.45	0.03	37.20	0.10	1.16	1.19	1.19
535.00	3.49	3.46	0.03	37.33	0.10	1.15	1.19	1.19
580.00	3.49	3.46	0.03	37.44	0.10	1.15	1.19	1.18
625.00	3.48	3.45	0.03	37.46	0.11	1.16	1.19	1.18
670.00	3.47	3.44	0.03	37.51	0.12	1.15	1.19	1.18
715.00	3.46	3.43	0.03	37.51	0.12	1.15	1.19	1.18
760.00	3.46	3.42	0.03	37.50	0.12	1.15	1.18	1.18
805.00	3.45	3.42	0.03	37.47	0.12	1.15	1.18	1.18
850.00	3.46	3.42	0.03	37.43	0.12	1.15	1.18	1.18
895.00	3.46	3.43	0.03	37.38	0.13	1.15	1.18	1.18
940.00	3.46	3.43	0.03	37.35	0.12	1.15	1.18	1.17
1000.00	3.48	3.44	0.03	37.28	0.12	1.15	1.18	1.17



electrical schematic



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