

Plug-In

Power Splitter/Combiner

PSC-5-2

5 Way-0° 50Ω

250 to 750 MHz

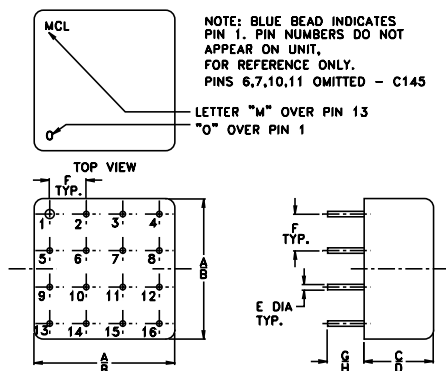
Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
Power Input (as a splitter)	2W max.
Internal Dissipation	0.625W max.

Pin Connections

SUM PORT	1
PORT 1	3
PORT 2	8
PORT 3	12
PORT 4	16
PORT 5	15
GROUND	2,5,7,11,13,14
CASE GROUND	4,6,9,10

Outline Drawing



Outline Dimensions (inch)

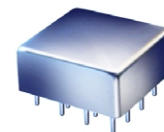
A	B	C	D	E
.770	.810	.380	.410	.030
19.56	20.57	9.65	10.41	0.76
F	G	H	wt	
.200	.20	.14	grams	
5.08	5.08	3.56	11.0	

Features

- wideband, 250 to 750 MHz
- low insertion loss, 1.1 dB typ.
- rugged, welded case

Applications

- UHF
- instrumentation
- receivers/transmitters



CASE STYLE: C07

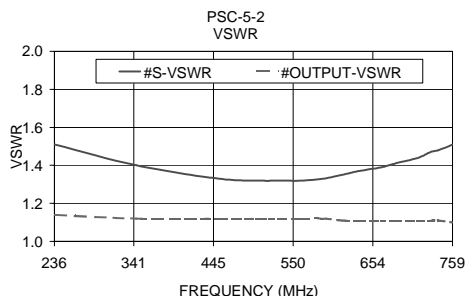
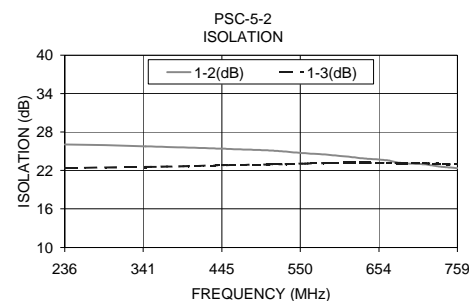
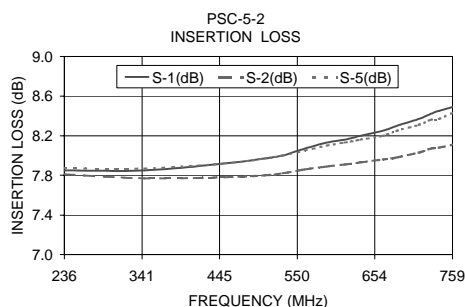
PRICE: \$72.45 ea. QTY (1-9)

Splitter Electrical Specifications

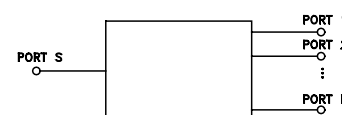
FREQ. RANGE (MHz)	ISOLATION (dB)	INSERTION LOSS (dB) ABOVE 7.0 dB	PHASE UNBALANCE (Degrees)	AMPLITUDE UNBALANCE (dB)
f_L - f_U	Typ. Min.	Typ. Max.	Max.	Max.
250-750	22 17	1.1 2.5	14	0.7

Typical Performance Data

Freq. (MHz)	Insertion Loss (dB)					Amp. Unbal. (dB)	Isolation (dB)					VSWR S	VSWR OUTPUTS
	S-1	S-2	S-3	S-4	S-5		1-2	1-3	2-3	3-5	4-5		
236.00	7.85	7.81	7.84	7.86	7.87	0.06	26.06	22.40	26.52	22.08	24.71	1.51	1.14
344.00	7.85	7.77	7.82	7.84	7.87	0.10	25.78	22.53	26.64	22.07	24.11	1.40	1.12
452.00	7.92	7.78	7.84	7.85	7.92	0.14	25.37	22.82	26.69	22.14	23.45	1.33	1.12
506.00	7.97	7.80	7.87	7.87	7.97	0.18	25.14	22.93	26.61	22.21	23.20	1.32	1.12
530.30	8.00	7.82	7.90	7.90	8.00	0.18	24.93	22.98	26.50	22.20	22.98	1.32	1.12
560.00	8.07	7.86	7.95	7.94	8.05	0.21	24.65	23.08	26.31	22.24	22.70	1.32	1.12
589.70	8.13	7.89	7.98	7.96	8.10	0.24	24.42	23.16	26.12	22.19	22.42	1.33	1.12
614.00	8.16	7.91	8.01	8.00	8.13	0.25	24.13	23.19	25.87	22.11	22.18	1.35	1.11
635.60	8.20	7.93	8.02	8.01	8.16	0.27	23.87	23.18	25.63	22.07	21.95	1.37	1.11
665.30	8.25	7.96	8.06	8.04	8.20	0.30	23.58	23.16	25.31	22.00	21.66	1.39	1.11
684.20	8.30	7.98	8.09	8.05	8.25	0.33	23.16	23.13	24.92	21.86	21.34	1.41	1.11
713.90	8.37	8.03	8.15	8.11	8.31	0.34	22.97	23.11	24.73	21.78	21.21	1.44	1.11
730.10	8.42	8.07	8.19	8.14	8.36	0.35	22.68	23.05	24.41	21.69	20.96	1.47	1.11
740.90	8.45	8.08	8.20	8.15	8.37	0.37	22.54	22.99	24.24	21.61	20.84	1.48	1.11
759.80	8.49	8.11	8.23	8.18	8.43	0.37	22.34	22.94	24.06	21.54	20.69	1.51	1.10



electrical schematic



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