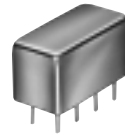
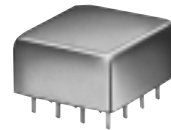


POWER SPLITTERS/COMBINERS 50&75Ω Plug-In

4 WAY-0° 10 kHz to 1000 MHz



PSC-4



PSC-4A

MODEL NO.	FREQ. RANGE MHz f _L -f _U	ISOLATION dB						INSERTION LOSS, dB Above 6dB						PHASE UNBALANCE Degrees			AMPLITUDE UNBALANCE dB			CASE STYLE Note B	CONNECTION	PRICE \$ Qty. (1-9)
		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.				
■ PSC-4-1 PSC-4-1W PSC-4-1-75 PSC-4-3 PSC-4-5	0.1-200	33	20	30	20	27	20	0.4	0.6†	0.5	0.75	0.7	1.0	4	6	8	0.15†	0.2	0.25	A01	bf	37.95
	1-500	29	20	27	18	25	18	0.4	0.8	0.5	1.0	0.8	1.5	1	3	5	0.2	0.3	0.5	A01	bf	40.95
	1-200	30	20	25	20	25	20	0.4	0.7	0.5	0.9	0.7	1.2	2	3	4	0.15	0.2	0.3	A01	bf	34.95
	0.25-250	33	20	30	20	27	20	0.4	0.7	0.5	0.75	0.7	1.2	4	6	8	0.15	0.2	0.25	A01	bf	33.95
	1-800	29	20	24	18	25	17	0.4	0.8	0.6	1.5	1.3	2.5	1	4	5	0.2	0.5	0.6	A01	bf	47.45
✦ PSC-4-6	0.01-40	35	18	32	25	25	18	0.4	0.8	0.3	0.5	0.5	1	2	2	2	0.1	0.15	0.2	A01	bf	38.95
PSC-4A-4	10-1000	25	20	21	15	18	15	0.5	0.8	0.8	1.8	1.5	2.5	4	16	20	0.2	0.5	0.7	C07	bg	64.95
✦■ PSC-4A-1W-75	30-600	27	20	—	—	22	18	0.6	0.8	—	—	0.8	1.1	2	—	5	0.2	—	5	C07	bg	51.95

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]

NOTES:

- ◆ Aqueous washable.
- Non-hermetic
- Denotes 75 Ohm model
- ✦ When only specification for M range given, specification applies to entire frequency range.
- ✦ At low range frequency band (f_L to $10 f_L$), linearly derate maximum power by 13 dB.
- ✦ Maximum VSWR: input 1.5:1, output 1.3:1
- † Adjacent ports, 25°C
- * BLUE CELL™ power splitters protected by U.S. patents 5,534,830 and 5,640,132
- ✦ 18 dB min. above 900 MHz for BP4C and above 1900 MHz for BP4P
- A. General Quality Control Procedures, Environmental Specifications, Hi-Rel and MIL description are given in section 0, see "Mini-Circuits Guarantees Quality" article.
- B. Connector types and case mounted options, case finishes are given in section 0, see "Case styles & Outline Drawings".
- C. Prices and specifications subject to change without notice.
- 1. Absolute maximum power, voltage and current ratings:
 - 1a. Matched power rating,
 - Model JS4PS-1W-75 0.250 Watt
 - Models PSC-4-5, PSC-4-1W, SCP-4-1W-75 ... 0.5 Watt
 - JS4PS-9-75, AD4PS-1, JS4PS-1W 0.5 Watt
 - Models BP4C, BP4P 1.5 Watt
 - Model SBD-4-25 10 Watt
 - All other models 1 Watt
 - 1b. Internal load dissipation,
 - Model JS4PS-1, JS4PS-9-75 0.5 Watt
 - Models SCP-4-1W-75, SCP-4-4-75, 0.375 Watt
 - BP4C, BP4P, SBD-4-25, JS4PS-1W 0.375 Watt
 - All other models 0.250 Watt



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ISO 9001 CERTIFIED

020409

Surface Mount □

1 to 2600 MHz



	MODEL NO.	FREQ. RANGE MHz f_L - f_U	ISOLATION dB					INSERTION LOSS, dB Above 6dB						PHASE UNBALANCE Degrees			AMPLITUDE UNBALANCE dB			CASE STYLE Note B	CONNECTION	PRICE \$ Qty. (10-49)
			L Typ. Min.	M° Typ. Min.		U Typ. Min.	L Typ. Max.	M° Typ. Max.		U Typ. Max.	L Max.	M° Max.	U Max.	L Max.	M° Max.	U Max.						
◆ AD4PS-1	1-500	32 18 30 20 25 18	0.4 1.2 0.5 1.2 0.8 1.8	2 5 7	0.4 0.5 0.8	CJ725	kb	14.95														
◆ BP4C	810-960	25 19◆	1.0 1.6	8	0.6	XX211	js	1.99														
◆ BP4P	1710-1990	23 19◆	0.8 1.3	15	0.5	XX211	js	1.79														
◆ SBD-4-25*	1800-2600	20 12	1.0 1.9	8	0.7	SM34	lj	9.95														
	1800-2000	18 12	0.9 1.4	6	0.4																	
	2100-2200	21 15	0.9 1.4	6	0.4																	
	2200-2400	22 15	1.0 1.6	7	0.6																	
	2400-2500	22 16	1.0 1.8	7	0.7																	
NEW◆ JS4PS-1W	5-1000	29 20 26 18 20 15	0.3 1.1 0.8 1.5 1.5 2.4	5 5 12	0.8 0.7 0.7	BK377	ng	14.95														
◆ JS4PS-1	80-520	36 20	0.8 1.5	5	0.5	BJ360	kb	19.95														
	◆■ JS4PS-1W-75	5-750	34 25 35 25 30 18	0.6 1.2 0.6 1.5 0.8 1.5	3 5 6	0.2 0.3 0.6	BJ360	kb	18.95													
	◆■ JS4PS-9-75	50-860	25 16	0.6 1.9	5	0.8	BJ360	kb	20.95													
SCP-4-1	1-400	32 23 26 18 21 17	0.4 1.2 0.6 1.2 1.0 1.5	1 4 9	0.2 0.3 0.5	YY101	bv	24.95														
SCP-4-1W	10-650	34 28 23 18 21 15	0.7 1.0 0.9 1.5 1.1 1.9	3 7 12	0.2 0.4 0.7	YY101	bv	26.95														
■ SCP-4-1W-75	10-750	36 20 32 20 24 15	0.5 1.0 0.65 1.3 0.8 2.0	1.5 3 6	0.2 0.4 0.9	YY161	bv	27.95														
SCP-4-4	800-1000	24 17	0.7 1.5	12	1.0	YY101	bv	21.95														
■ SCP-4-4-75	10-1000	36 20 32 18 24 14	0.5 1.0 0.65 1.3 0.8 2.0	3 6 12	0.2 0.4 0.9	YY161	bv	28.95														

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]



pin and coaxial connections

see case style outline drawing

PORT	bf	bg	bv	js	kb	lj	ng
SUM PORT	4	2	3	2	2	4	10
PORT 1	7	8	2	1	8	8	2
PORT 2	8	12	4	8	7	10	3
PORT 3	1	5	6	5	6	12	5
PORT 4	2	9	8	4	5	14	6
GND EXT.	3,5,6	All other pins	1,5,7	3,6,7	1,3,4	2,3,5,6,9,13	1,4,7,8,9
CASE GND	3,5,6	All other pins	—	—	—	—	—
NOT USED	—	—	—	—	—	1,7,11	—

NSN GUIDE

MCL NO.	NSN	MIL-P-23971/15*
PSC-4-1	5895-01-065-0106	-10
PSC-4-2	5825-01-044-8945	
PSC-4-3	5895-01-105-6189	-11
PSC-4-5	5985-01-423-7929	
PSC-4-6	5985-01-332-3086	
PSC-4A-4	5895-01-347-0205	



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