

In-Phase Power Divider/Combiner Selection Guide

Product Number	Model Number	Frequency Range (MHz)	Package Style	Insertion Loss (dB)	Typical Midband Performance Isolation (dB)	VSWR	Amp. Bal. (dB)	Phase Balance (°)
2 Way Dividers/Combiners								
▲ 91	PS-2-250T	5-250	Metal TO-5	.3	40	1.2	.1	.5
92	PS-2-500F	10-500	Metal Flatpack	.3	35	1.2	.1	.5
93	PS-2-1000F	5-1000	Metal Flatpack	.3	35	1.2	.1	1
94	PS-2-1000S	5-1000	Metal, SMA Connector	.3	35	1.2	.1	1
95	PS-2-2000F	5-2000	Metal Flatpack	.4	25	1.3	.2	2
96	PS-2-2000S	5-2000	Metal, SMA Connector	.4	30	1.3	.2	2
▲ 97	PS-2-4000F	20-4000	Subminiature Metal Flatpack	.4	25	1.3	.2	2
3 Way Dividers/Combiners								
98	PS-3-500F	1-500	Metal Flatpack	.3	30	1.3	.1	1
99	PS-3-500S	25-550	Metal, SMA Connector	.3	30	1.3	.1	1
▲ 100	PS-3-1000F	10-1000	Metal Flatpack	.4	30	1.3	.1	1
101	PS-3-1000S	25-1000	Metal, SMA Connector	.3	30	1.3	.1	1
4 Way Dividers/Combiners								
102	PS-4-500F	5-500	Metal Flatpack	.3	30	1.3	.1	1
▲ 103	PS-4-1000F	25-1000	Metal Flatpack	.5	25	1.5	.1	2
104	PS-4-1000S	10-1000	Metal, SMA Connector	.3	30	1.3	.3	3
6 Way Dividers/Combiners								
105	PS-6-350F	1-350	Metal Flatpack	.75	32	1.3	.3	8

Solid State Switches Selection Guide

Product Number	Model Number	Function	Frequency Range (MHz)	Typical T_r, T_f (usec) Style	Package Style	Typical Midband Performance		
						Insertion Loss (dB)	Isolation (dB)	VSWR
106	SS-23	SPST	5-500	.01	Plastic, 6 Pin PC Mount	2.0	60	1.5:1
107	SS-30	SPST	5-500	.01	Metal, BNC Connectorized	2.0	75	1.3:1
108	SS-50	SPST	1-200	.01	Metal, 6 Pin PC Mount	1.5	65	1.3:1
109	SS-80	SPST	1-300	.01	Metal, Flatpack	2.0	70	1.3:1
110	SS-91	SPST	10-500	.01	Metal, Flatpack	2.0	70	1.3:1
111	SS-92	SPST	100-1000	.01	Metal, Flatpack	2.0	55	1.3:1
112	VS-19	SPDT	50-500	1	14 Pin Metal Dip	.75	60	1.25:1
113	VS-20	SPDT	5-500	1	14 Pin Metal Dip	.75	60	1.25:1
114	VS-21	SPDT	5-500	1	14 Pin Metal Dip	.75	60	1.25:1
115	VS-22	SPDT	5-500	1	14 Pin Metal Dip	.5	60	1.25:1
116	VS-23	SPDT	10-400	.14	14 Pin Metal Dip	.5	45	1.25:1
117	VS-25	SPDT	50-500	1	14 Pin Metal Dip	.5	55	1.25:1
118	VS-100	SPDT	2-500	.005	14 Pin Metal 1.5 Dip	.75	40	1.3:1
119	VS-101-S	SPDT	2-500	.005	Connectorized	.75	40	1.3:1

NOTES:

- Schottky Types, SS-23 to SS-92 are .1 watt balanced reflective switches, 3rd order intercept point +23 to +30 dBm.
- Pin Types, VS-19 to VS-101S are 1 watt non-reflective (internally terminated) switches with +35 dBm to +40 dBm 3rd order intercept points (on condition). These types are all supplied with an internal TTL or CMOS compatible driver. Consult Factory for details.



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NAME _____	CIRCLE THE PRODUCT NUMBERS YOU ARE INTERESTED IN
TITLE _____	1 18 35 52 69 86 103 120 137 154 171
COMPANY _____	2 19 36 53 70 87 104 121 138 155 172
ADDRESS _____	3 20 37 54 71 88 105 122 139 156 173
CITY / STATE / ZIP _____	4 21 38 55 72 89 106 123 140 157 174
PHONE _____ FAX _____	5 22 39 56 73 90 107 124 141 158
PROGRAM/APPLICATION _____	6 23 40 57 74 91 108 125 142 159
POTENTIAL _____	7 24 41 58 75 92 109 126 143 160
CLOSEST EQUIVALENT _____	8 25 42 59 76 93 110 127 144 161
SPECIAL REQUIREMENTS _____	9 26 43 60 77 94 111 128 145 162
	10 27 44 61 78 95 112 129 146 163
	11 28 45 62 79 96 113 130 147 164
	12 29 46 63 80 97 114 131 148 165
	13 30 47 64 81 98 115 132 149 166
	14 31 48 65 82 99 116 133 150 167
	15 32 49 66 83 100 117 134 151 168
	16 33 50 67 84 101 118 135 152 169
	17 34 51 68 85 102 119 136 153 170