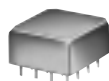
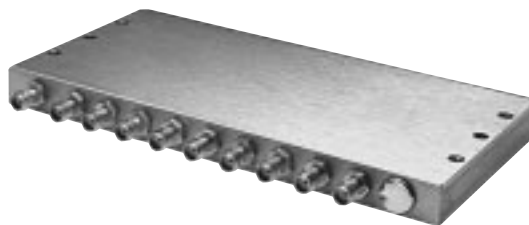


# POWER SPLITTERS/COMBINERS $50\Omega$ Plug-In & Coaxial

## 9 WAY-0° 2 to 1000 MHz



PSC-9



ZC9PD

MODEL NO.	FREQ. RANGE MHz $f_L$ - $f_U$	ISOLATION dB						INSERTION LOSS, dB Above 9.6dB						PHASE UNBAL. Degrees			AMPLITUDE UNBAL. dB			VSWR (:1)				CASE STYLE Note B	MOUNTING	PRICE \$ Qty. (1-9)	
		L Typ.	M <sup>*</sup> Min.	U Typ.	L Min.	M <sup>*</sup> Typ.	U Min.	L Typ.	M <sup>*</sup> Max.	U Typ.	L Max.	M <sup>*</sup> Max.	U Max.	L Max.	M <sup>*</sup> Max.	U Max.	S Typ.	OUT Max.	S Typ.	OUT Max.							
PSC-9-1	2-300	38	25	26	20	22	15	0.6	1.1	0.9	1.4	1.5	2.0	2.0	5.0	10.0	0.2	0.3	0.8	—	—	C07	gr	93.95			
ZC9PD-1000	800-1000		30	20					0.6	1.2				—				0.6			1.22	1.60	1.11	1.30	AB204	—	169.95

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:

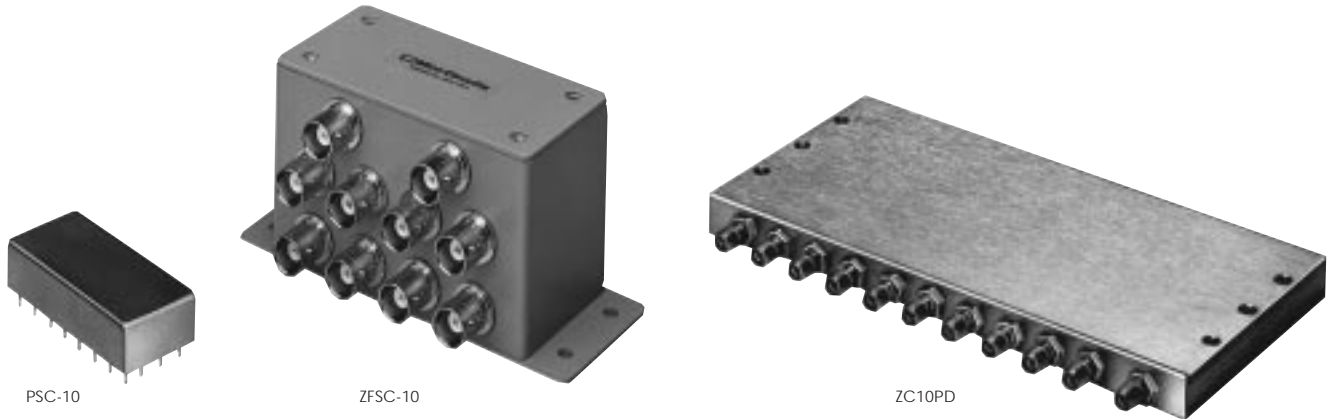
- \* VSWR, input 1.2:1 typ., 1.6:1 max; output 1.2:1 typ., 1.35:1 max.
- \*\* Input 1.3:1 typ., 1.7 max.; output 1.2:1 typ., 1.6:1 max.
- ⊛ When only specification for M range given, specification applies to entire frequency range.
- A. General Quality Control Procedures, Environmental Specifications, Hi-Rel and MIL description are given in General Information (Section 0).
- 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,
 

Models PSC-9-1, ZC9PD-1000	0.5 Watt
Model ZC10PD	10 Watt
All other models	1 Watt
  - 1b. Internal load dissipation,
 

Models PSC-9-1, ZC9PD-1000, ZC10PD	1.5 Watt
ZC10PD-26	0.80 Watt
All other models	0.87 Watt

000330

# 10 WAY-0° 0.5 to 2600 MHz



MODEL NO.	FREQ. RANGE MHz $f_L$ - $f_U$	ISOLATION dB						INSERTION LOSS, dB Above 10dB						PHASE UNBALANCE Degrees			AMPLITUDE UNBALANCE dB			CASE STYLE Note B	CONNECTION	PRICE \$ Qty. (1-9)
		L Typ.	M <sup>o</sup> Typ.	U Typ.	L Max.	M <sup>o</sup> Typ.	U Typ.	L Max.	M <sup>o</sup> Typ.	U Typ.	L Max.	M <sup>o</sup> Max.	U Max.	L Max.	M <sup>o</sup> Max.	U Max.						
PSC-10-1	1-150	36	23	27	23	23	18	0.3	0.6	0.4	0.8	1.0	1.3	3	6	10	0.2	0.3	0.4	E10	bs	85.95
ZFSC-10-1	0.5-100	28	20	30	24	27	20	0.5	0.8	0.4	1.0	0.8	1.5	3	6	10	0.2	0.3	0.4	RR93	—	119.95
ZC10PD-900	800-900			25	20					1.5	2.0			—				0.8		AB204	—	178.95
ZC10PD-900W*	750-900			30	20					0.4	1.0			—				0.6		AB204	—	189.95
NEW ZC10PD-26**	2300-2600			35	20					0.7	1.9			15				1.1		AB204	—	199.95

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 drawings for pin locations

PORT	SUM	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	NOT USED	GND EXT.	CASE GND
bs	29	7	16	31	24	9	2	26	17	4	5	15	All other pins	All other pins
gr	1	9	13	14	15	16	12	8	4	3	—	—	All other pins	All other pins



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