

POWER SPLITTERS/COMBINERS

50&75Ω

12 Way-0° 1 to 1700 MHz

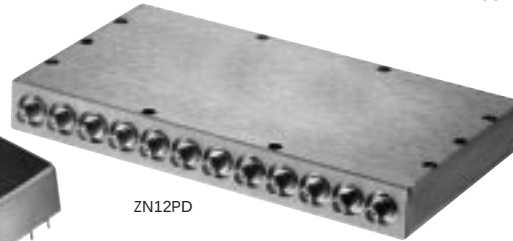
SURFACE MOUNT



JEPS-12



PSC-12



ZN12PD



ZFSC-12

MODEL NO.	FREQ. RANGE MHz f_L - f_U	ISOLATION dB			INSERTION LOSS, dB Above 10.8dB			PHASE UNBALANCE Degrees			AMPLITUDE UNBALANCE dB			CASE STYLE Note B	COAXIAL NO. bu	PRICE \$ Qty. (1-9)
		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.			
◆ JEPS-12-10	50-1000	25	16	—	—	23	14	1.6	2.5	—	—	2.2	4.0	BL372	ix	109.95
PSC-12-1	1-200	35	30	27	20	21	18	0.5	0.8	0.8	1.2	1.0	1.4	E10	bu	88.95
ZN12PD-17	800-1700	—	30	18	—	—	—	0.45	1.2	—	—	—	—	UU589	—	249.00
ZFSC-12-1	1-200	30	25	35	20	28	20	0.8	1.2	1.1	1.4	1.3	1.6	R67	—	174.95
■ ZFSC-12-1W-75	5-860	33	22	30	20	26	18	0.5	1.2	0.8	2.5	1.6	4.2	R67	—	199.95
ZFSC-12-11	10-300	28	20	33	25	28	20	1.1	1.3	1.1	1.5	1.5	1.8	R67	—	174.95
■ ZFSC-12-1-75	10-200	35	27	—	—	27	20	0.5	0.8	—	—	0.8	1.3	R67	—	179.95
■ ZFSC-12-175	10-500	23	20	24	20	22	18	0.9	1.2	1.0	1.3	1.2	2.0	R67	—	197.95

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, for coax connector models 75 Ohm BNC connectors are standard.
- ⊛ 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 input power by 13 dB.
- 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 ZC16PD	10 Watt
Model ZN12PD	5 Watt
Model ZC16PD-23	2 Watt
Model JEPS	0.5 Watt
All other models	1 Watt
 - 1b. Internal load dissipation,

Model ZC16PD, ZC16PD-24	2.4 Watt
Model ZN12PD, ZC16PD-23	2 Watt
Model ZC16PD-2185	1.75 Watt
Model ZFSC-12-1W-75	1.5 Watt
Model JEPS-16-1W-75	0.275 Watt
Model JEPS-16-1W	1.875 Watt
All other models	0.87 Watt

NSN GUIDE

MCL NO.
ZFSC-16-1(BNC)

NSN
5820-01-9321



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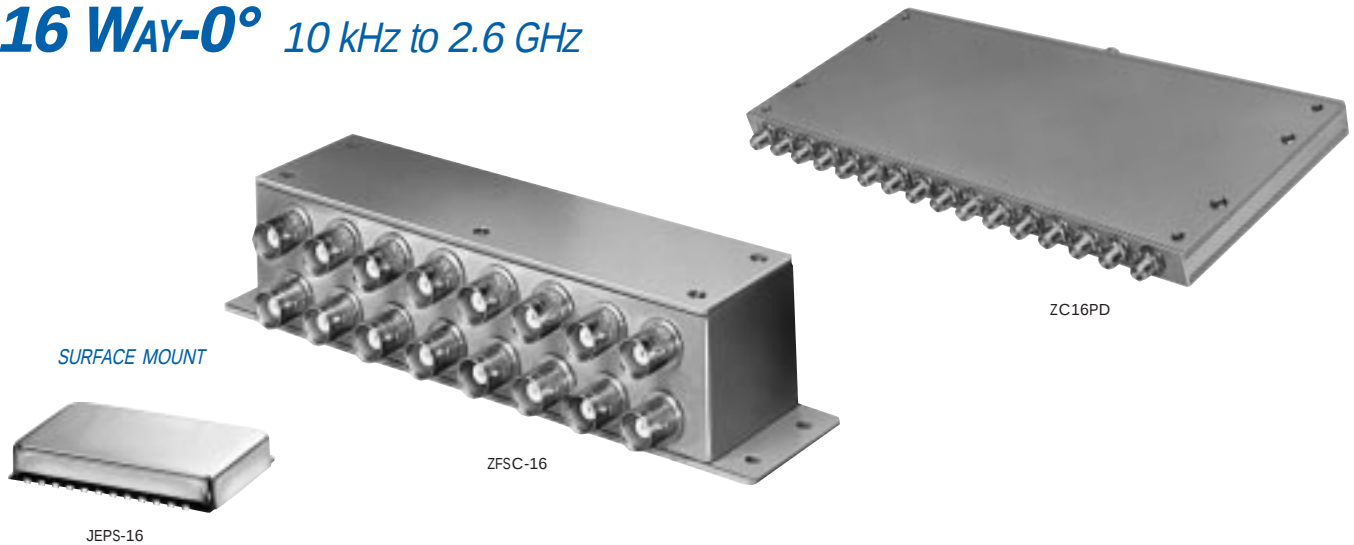
INTERNET <http://www.minicircuits.com>

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661

020314

Surface Mount □, Plug-In & Coaxial

16 Way-0° 10 kHz to 2.6 GHz



NEW ◆

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

PORT	SUM	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	NOT USED	GND EXT.	CASE GND
bu	5	7	8	1	2	31	32	25	26	22	30	19	27	—	—	—	—	11,14,21	4	all other pins
kf	18	2	3	4	5	9	10	11	12	13	14	15	16	20	21	22	23	—	all other pins	—
lx	18	2	3	4	5	8	9	10	11	14	15	22	23	—	—	—	—	—	all other pins	—