



ANZAC RF & CELLULAR COMPONENTS

I/Q Demodulators

MODEL NO.	FREQUENCY (MHz)		AMPLITUDE UNBALANCE (dB)		PHASE UNBALANCE (deg)		HARMONIC SUPPRESSION (dBc)				CONVERSION LOSS (dB)		CASE* STYLE	UNIT PRICE(\$) (1 - 9)
	CARRIER	I/Q	Typ	Min	Typ	Min	3x I/Q	Typ	Min	5x I/Q	Typ	Max		
EQKR8-82.2	81.75 - 82.2	0.45	0.25	0.5	1.5	4.0	40	35	55	50	8.5	10.5	R1	47.95

PIN OUT	CARRIER	RF IN	I	Q	EXTERNAL 50 Ω	CASE GROUND
PIN NO.	1	8	5	6	2	3,4,7

NOTES:

- Absolute maximum ratings
Carrier Power: 50mW
Peak IF Current: 40 mA
Operating and storage temperature: 0°C to +50°C
- Price and specifications subject to change without notice.

MODULATOR SELECTION GUIDE

MODEL NO.	TYPE	FREQUENCY RANGE (MHz)	INSERTION LOSS (dB) TYP	VSWR TYP	AMP BALANCE (dB) TYP	PHASE DEVIATION (Deg) TYP	DRIVE TYPE	CASE STYLE	UNIT PRICE \$ (5-9)
PM-101	Bi-Phase	10-750	2.5	1.15:1	0.1	0.5	DC	TO-8-2	94.
PM-102	Bi-Phase	10-750	2.5	1.15:1	0.1	0.5	ECL	TO-8-2	116.
PM-103	Bi-Phase	10-750	2.5	1.15:1	0.1	0.5	TTL	TO-8-2	94.
PM-104	Bi-Phase	2000-3000	3.5	1.5:1	0.15	1.0	DC	FP-2	156.
PM-105	QPSK	20-40	5.0	1.3:1	0.15	2.0	DC	FP-6	179.
PM-106	QPSK	20-40	5.0	1.3:1	0.15	2.0	ECL	FP-6	201.
PM-108	QPSK	50-100	5.2	1.2:1	0.25	2.0	DC	FP-6	179.
PM-109	QPSK	50-100	5.2	1.2:1	0.25	2.0	ECL	FP-6	201.
PM-110	QPSK	50-100	5.2	1.2:1	0.25	2.0	TTL	FP-6	201.

PHASE SHIFTER SELECTION GUIDE

MODEL NO.	FREQUENCY RANGE (MHz)	PHASE RANGE (Deg)	INSERTION LOSS (dB) TYP	VSWR TYP	CASE STYLE	UNIT PRICE \$ (5-9)
PM-111	28.5-31.5	0.180	0.8	1.3:1	FP-4	125.

CASE STYLE: FP = FLATPACK; DI = DUAL INLINE; TO = TO-5/8I ** DENOTES SURFACE MOUNT

BOLD = NEW PRODUCTS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Immediate Delivery from Stock