

MIXERS

TRIPLE-BALANCED

LO = +13 dBm

HIGH DYNAMIC RANGE



THROUGH HOLE (RELAY)

FREQUENCY RANGE (MHz)		CONVERSION LOSS (dB)		LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)			PACKAGE	PIN OUT	MODEL
RF/LO	IF	XMB TYP/MAX	FULL BAND TYP/MAX	LB TYP/MIN	MB TYP/MIN	UB TYP/MIN	LB TYP/MIN	MB TYP/MIN	UB TYP/MIN			
0.5 - 2000	0.2 - 600	5.8/8	7.2/9.5	60/45	35/30	30/25	55/40	30/25	25/20	105	1	CMP-3A6
10 - 4200	10 - 1000	7.5/8.5	7.5/11	35/25	40/25	35/25	35/20	35/25	27/20	105	2	CMP-3A8



THROUGH HOLE (TO-CAN)

FREQUENCY RANGE (MHz)		CONVERSION LOSS (dB)		LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)			PACKAGE	PIN OUT	MODEL
RF/LO	IF	XMB TYP/MAX	FULL BAND TYP/MAX	LB TYP/MIN	MB TYP/MIN	UB TYP/MIN	LB TYP/MIN	MB TYP/MIN	UB TYP/MIN			
5 - 2500	10 - 1000	6.4/8.5	7/9.5	33/25	35/25	25/20	33/20	30/25	27/20	104	3	CMP-6A7

NOTES:

1. 1dB Compression Point = +10 dBm (Typ)
2. IP3 (Input) = +20 dBm (Typ)
3. As IF frequency decrease below LF towards DC, conversion loss increases up to 8 dB higher than maximum.
4. Maximum Input Power without damage = 500 mW ave. cw

PIN-OUT TABLE

	RF	LO	IF	GND	CASE GND	NO CONN.
#1	1	4	2	3	3	--
#2	4	1	2	3	3	--
#3	2	8	11	All Others	--	--

GND = Ground externally
For pin location and package outline drawings, see back pages.

XMB= 2LF to HF/2
FULL BAND = LF to HF
LB= LF to 10LF
MB = 10LF to HF/2
UB= HF/2 to HF