

MIXERS

DOUBLE -BALANCED

$LO = +7 \text{ dBm}$

LOW POWER CONSUMPTION

PLUG-IN (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			
0.01-125	DC-125	5.5/6	6/6.5	60/50	50/40	40/35	60/45	50/35	40/30	104	1	CLP-502
0.025-200	DC-200	5.5/6	6/7	65/55	55/45	45/35	60/50	45/35	35/30	104	1	CLP-512
0.1-500	DC-500	6/7	7/8	65/40	60/40	50/30	45/30	50/35	35/20	104	1	CLP-501
0.5-1000	DC-1000	5.5/7	7/8.5	70/40	45/35	40/25	60/40	40/30	30/20	104	1	CLP-503
800-2500	DC-400	--/--	6.6/8.5	30/20	30/20	30/20	20/10	20/10	20/10	104	1	CLP-504
0.025-200	DC-200	5.5/6	6/7	65/55	55/45	45/35	60/50	45/35	35/30	122	2	CLP-612
0.5-1000	DC-1000	5.5/7	7/8.5	70/40	45/35	40/25	60/40	40/30	30/20	122	2	CLP-603
20-1500	DC-1000	7.5/8.5	8/9	60/35	40/25	25/20	50/30	40/25	20/12	122	2	CLP-611
10-2000	5-600	7/8.5	7.5/9	60/35	40/25	40/20	50/30	30/20	25/15	122	2	CLP-609
800-2500	DC-400	--/--	6.5/8.5	30/20	30/20	30/20	20/10	20/10	20/10	122	2	CLP-604
0.2-200	DC-200	5.5/6	5.5/6	45/35	40/30	35/25	45/35	40/30	35/25	127	3	CLP-8T3
5-500	DC-500	5.7/6.5	6.5/7	40/35	40/30	35/25	35/30	35/30	30/25	127	3	CLP-8S3
1-1000	DC-1000	6.5/7.5	7/8.5	50/40	40/25	30/20	45/40	35/25	25/20	126	4	CLP-8A4



COAXIAL

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			
0.01-125	DC-125	5.5/6	6/6.5	60/50	50/40	40/35	60/45	50/35	40/30	110	5	CLK-702*
0.025-200	DC-200	5.5/6	6/7	65/55	55/45	45/35	60/50	45/35	35/30	110	5	CLK-712*
0.1-500	DC-500	6/7	7/8	65/40	60/40	50/30	45/30	50/35	35/20	110	5	CLK-701*
0.5-1000	DC-1000	5.5/7	7/8.5	70/40	45/35	40/25	60/40	40/30	30/20	110	5	CLK-703*
20-1500	DC-1000	7.5/8.5	8/9	60/35	40/25	25/20	50/30	40/25	20/12	110	5	CLK-711S
10-2000	5-600	7/8.5	7.5/9	60/35	40/25	40/20	50/30	30/20	25/15	110	5	CLK-709S
800-2500	DC-400	--/--	6.5/8.5	30/20	30/20	30/20	20/10	20/10	20/10	110	5	CLK-704S
800-4200	DC-1000	--/--	6.5/10	25/13	25/13	25/13	20/10	20/10	20/10	110	5	CLK-215S

- NOTES:**
1. 1dB Compression Point = +1 dBm (Typ)
 2. IP3 (Input) = +13 dBm (Typ)
 3. Maximum Input Power without damage = 100 mW ave. cw

* Connector style: "B" = BNC, "T" = TNC, "N" = Type N, "S" = SMA

PIN-OUT TABLE

	RF	LO	IF	GND	CASE GND
#1	2	5	11	All Others	All Others
#2	1	3	2	4	--
#3	4,1	2	3	5	5
#4	4	2	3	1	1
#5	1	3	2	--	--

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

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

