Eyal Microwave Ltd.
Phone: 972-9-7499100 Fax: 972-9-7493669
Kibbutz Eyal D.N. Hasharon Hatichon 45840 Israel
Web: www.eyal-emi.com Email: emi@eyal-emi.com

2x12 MATRIX SWITCH

SPECIFICATIONS:

* FREQUENCY RANGE:		**20÷1000**	MHz
* INSERTION LOSS:		**7.0**	dB max.
* PHASE MATCHE:		**±2°**	max.
* AMPLITUDE MATCE:		**±1.5**	dB max.
* ISOLATION:			
1. RF {in to out}	GHz	**50**	dB min.
2. RF TO CONTROL			dB min.
3. CONTROL TO RF {VIDEO LEAKAGE} :			mV p-p max
* VSWR:		**1.8:1**	max.

TTL CONTROL LOGIC:

4 bit decoder + Enable PER Slot

* SWITCHING SPEED:
  1. Ton - 50% TTL to 90% OF RF VOLTAGE . . . . . **3.0** uSec max.
  2. Toff - 50% TTL to 10% OF RF VOLTAGE . . . . . **3.0** uSec max.
* SWITCHING RATE:
  1. PRF. . . . . **0.15** MHz max.
  2. PULSE WIDTH . . . . . nSec min.

[ ] HOT SWITCHING [ ] COLD SWITCHING

* POWER HANDLING:
  1. CW . . . . . at _____ DEG. C . . . . . **200** mW max.
  2. PULSE . . . at _____ DEG. C . . . . . mW max.

  PULSE WIDTH . . . . . mm Sec. min.

  DUTY CYCLE . . . . . %

* HARMONICS: . . at _____ mW POWER INPUT . . . dBc

* POWER SUPPLY:

Slot A	**250**	mA at	**+5.0**	VOLT
Slot B	**250**	mA at	**+5.0**	VOLT

* DRIVER: YES

* TEMPERATURE RANGE:

STORAGE	**-40**	DEG. C TO	**+100** DEG. C
OPERATING	**-20**	DEG. C TO	**+70** DEG. C

NOTE:

EYAL P/N: MTX-122-1692-VL