



Eyal Microwave Ltd.

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## SPECIFICATION FOR BI PHASE MODULATOR BP-1393

1. FREQUENCY RANGE: @B.W. =  $\pm 100$  MHz. . . . . 3.363 GHz
2. INSERTION LOSS: . . . . . 2.5 dB max
3. CARRIER SUPPRESSION: . . . . . 30 dB min
4. POWER HANDLING: . . . . . 100 mW max
5. V.S.W.R : . . . . . 1.5:1 max
6. PHASE SHIFTING . . . . .  $0^\circ \div 180^\circ$
7. PHASE DEVIATION. . . . .  $\pm 6^\circ @ 0^\circ \& 180^\circ$
8. S. SPEED: . . . . . 20 nSec max
9. CONTROL LOGIC: . . . . . TTL
10. POWER SUPPLY: . . . . . +5V 60 mA  
-15V 60 mA
11. AMPLITUDE DEVIATION: . . . . .  $\pm 0.3$  dB
12. RF CONNECTORS: . . . . . SMA / F REMOVABLE
13. D.C. & CONTROL: : . . . . . SOLDER PINS
14. OPERATING TEMP. . . . .  $-10^\circ\text{c}$  to  $+75^\circ\text{c}$
15. NON OPERATING TEMP . . . . .  $-60^\circ\text{c}$  to  $+120^\circ\text{c}$

**EYAL P/N: BP-1393**