



Eyal Microwave Ltd.

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SPECIFICATION FOR 6 CHANNEL BANK FILTERS MODEL:SBF-1857-01

1. Frequency range: 5.5÷18.0 GHz
2. V.S.W.R: 2.0:1
3. Frequency bands : 6

| No | Frq. Rang(GHz) | I.LOSS (dB) | Flatness(dB) p.t.p | Stop band 55 dBc | Stop band 70 dBc |
|----|----------------|-------------|-----------------------|---------------------|---------------------|
| 1 | 5.5÷7.9 | 6.0 | 2.2 | 2.0÷4.3 GHz | 9.2÷19.0 GHz |
| 2 | 7.7÷10.0 | 6.8 | 2.2 | 2.0÷6.2 GHz | 11.3÷19.0 GHz |
| 3 | 9.6÷12.0 | 6.8 | 2.2 | 2.0÷8.2 GHz | 13.3÷19.0 GHz |
| 4 | 11.7÷14.0 | 6.5 | 2.2 | 2.0÷10.5 GHz | 15.5÷19.0 GHz |
| 5 | 13.7÷15,7 | 6.5 | 2.2 | 2.0÷12.0 GHz | 17.0÷19.0 GHz |
| 6 | 15.6÷17.8 | 6.5 | 2.2 | 2.0÷13.5 GHz | @ 19.3.0 GHz |

4. Switching speed: 30 nsec max
5. Power handling : 500 mW max
6. Control : 6 Bit TTL
7. Recovery Time : 50 nSec max
8. Power Supply : -15V @ 120mA
..... +5V @ 220 mA

GENERAL

1. Size (mm): as per O.L.D-1857-12
2. Operating temperature rang: -54°c ÷ +85°c
3. Storage temperature rang: -60°c ÷ +120°c