



Eyal Microwave Ltd.

Phone: 972 - 9 749 3184 Fax: 972 - 9 749 3669

Kibbutz Eyal D.N. Hasharon Hatichon 45840 Israel

Web: www.eyal-emi.com Email: emi@eyal-emi.com



## SPECIFICATION FOR 7 CHANNEL BANK FILTERS

1. Frequency range: ..... 4.4÷5.15 GHz
2. Insertion loss @ 1dB band: ..... 6.0 dB (O.T)
3. V.S.W.R: ..... 1.5:1
4. I.P3 @output : ..... +40dB
5. Frequency bands :

| BAND No | F-low  | F-high | Unit |
|---------|--------|--------|------|
| 1       | 4400   | 4470   | MHz  |
| 2       | 4504.5 | 4574.5 | MHz  |
| 3       | 4609   | 4679   | MHz  |
| 4       | 4714   | 4784   | MHz  |
| 5       | 4818.5 | 4888.5 | MHz  |
| 6       | 4923   | 4993   | MHz  |
| 7       | 5028   | 5098   | MHz  |

6. Rejection:

| Frequency                   | dB min         |
|-----------------------------|----------------|
| F0 ±70Mhz                   | 37dB min (O.T) |
| F0 ±130 ÷ ±200Mhz           | 70dB min       |
| F0 ±200Mhz & more           | 80dB min       |
| 0.5÷3.0Ghz &<br>6.0÷10.0Ghz | 70dBc min      |

7. Switching speed: ..... 5 usec

### GENERAL

1. Size: ..... L=235 ; W=135 ; H=32
2. Connectors: ..... SMA (f)
3. Operating temperature rang: ..... -54°C ÷ +85°C
4. Storage temperature rang: ..... -60°C ÷ +120°C

**MODEL NO: SBF-2114**