



Eyal Microwave Ltd.

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SPECIFICATION 9 CHANNEL SWITCH BANK FILTER MODEL: SBF-2271

- FREQUENCY RANGE: 20÷1500Mhz
- NO OF CHANNELS: 9
- 1 dB BW PER CHANNEL:
 1. Frq range: 20÷33 Mhz insertion loss: 4.5dB max @ C.F
 2. Frq range: 33÷56 Mhz insertion loss: 4.5dB max @ C.F
 3. Frq range: 56÷97 Mhz insertion loss: 4.5dB max @ C.F
 4. Frq range: 97÷156 Mhz insertion loss: 4.5dB max @ C.F
 5. Frq range: 156÷260 Mhz insertion loss: 4.5dB max @ C.F
 6. Frq range: 260÷430 Mhz insertion loss: 4.5dB max @ C.F
 7. Frq range: 430÷720 Mhz insertion loss: 4.5dB max @ C.F
 8. Frq range: 720÷1200 Mhz insertion loss: 5.0dB max @ C.F
 9. Frq range: 1200÷1500Mhz insertion loss: 5.0dB max @ C.F
- FILTER REJECTION:
 - Channel 1÷7: @ 1700÷3000Mhz70 dB min
 - Channel 8÷9: @ 1700÷2000Mhz50 dB min
 - Channel 8÷9: @ 2000÷3000Mhz70dB min
 - All channels: @ 2 x F low:25dB min
 - All channels: @ 0.5 x F high:25dB min
 - Channels 1÷7 @ 1000÷1700Mhz:60 dB min
 - Channels 8-9 @ 20÷550 Mhz:60 dB min
- PASSBAND RIPPEL: 1 dB max
- I I P2: +70 dBm min
- I I P3: +20 dBm min
- SWICHING TIME: 10usec max
- POWER HANDLING: operating +10dBm max
 : Survival +30dBm max
- VSWR: 2.0:1 max
- POWER SUPPLY: +5.0v ; -5.0v (-/+10%)
- POWER CONSUMPTION: 2.0W max
- TTL CONTROL LOGIC: with 4 bit decoder
 - "0000" ch 1 on
 - "0001" ch 2 on
 - "0010" ch 3 on
 - "0011" ch 4 on
 - "0100" ch 5 on
 - "0101" ch 6 on
 - "0110" ch 7 on
 - "0111" ch 8 on
 - "1000" ch 9 on
- BIT CONTROL LOGIC: ..non inverting ("0"-iso ; "1"-i.l)
- GENERAL:
 - Bit switch type: . reflective
 - RF connectors: . .SMA (f)
 - TEMEPRATURE: . . Operating: -30°c ÷ +70°c
 Storage: -30°c ÷ +85°c
 - DIMENSIONS (mm): 133.35 L x 50.8 W x 16.0 H