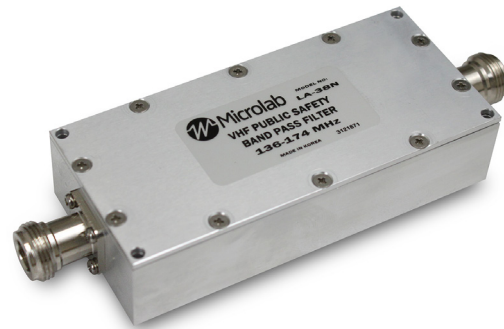


- ◆ Designed to Suppress Out of Band Emissions
- ◆ 200 Watt Average Power Rating
- ◆ N connectors
- ◆ Minimal RF Insertion Loss
- ◆ RoHS compliant available
- ◆ Low Cost Design



Microlab Model LA-38N series low pass filter is designed to suppress out of band noise and interference, to improve signal quality in high power system applications and bench testing.

Careful design of the matching end sections ensures a low loss pass band response. In the stop band rejection of at least 50 dB occurs and extends typically for several octaves. When compared to lumped element construction, the cavity filter has far fewer solder joints, is better supported, and operates cooler with a better return loss.

| | |
|-----------------|----------------------------------------------|
| Frequency Band: | 136 - 174 MHz |
| Insertion Loss: | 1.0 dB max. |
| Rejection Band: | 272-1000 MHz |
| Rejection: | 50 dB min. |
| Return Loss: | 18 dB min. |
| Power Rating: | 200 W avg, 3 kW peak |
| Impedance: | 50 Ω |
| Temperature: | -25°C to +50°C, IP64 |
| Connector: | N-type (f), Flange |
| Housing: | Passivated aluminum White Chromate |
| Dimensions: | 4.33 x 1.97 x 1 inches [110 x 50 x 25 mm] |

LA-38N Outline

