

- ◆ Designed to suppress Out of Band Emissions
- ◆ Band Pass Filter 1030-1090 MHz
- ◆ Attenuation 80 dB
- ◆ 100 W Average Power
- ◆ Minimal RF Insertion Loss
- ◆ Low Cost Design
- ◆ IP67 Rated
- ◆ N Connectors
- ◆ RoHS Compliant

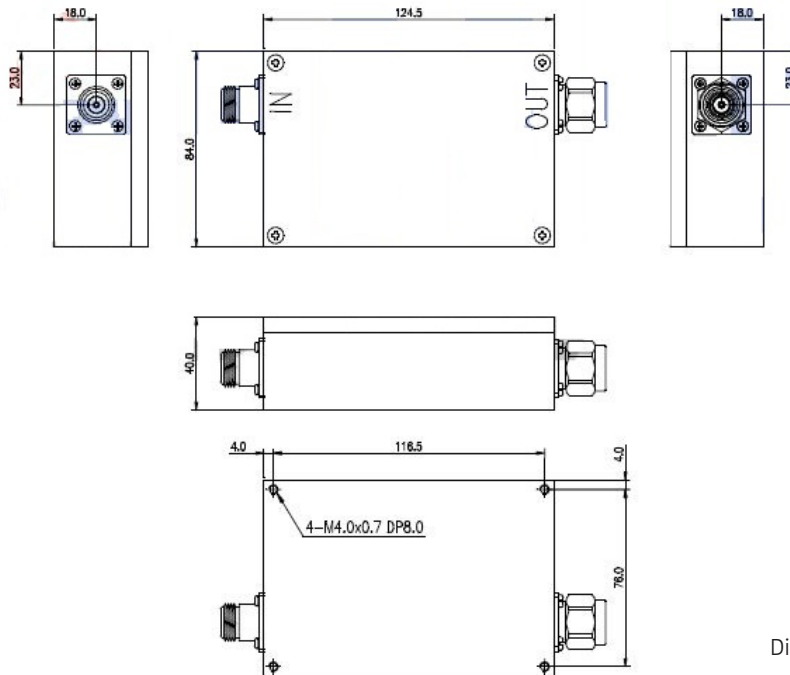


Microlab Model LA-37N series band pass filter is designed to suppress out of band noise and interference, to improve signal quality in medium power system applications and bench testing.

Careful design of the matching end sections ensures a low loss pass band response. In the stop band, rejection of at least 80 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.

Passband:	1030-1090 MHz
Stop Band:	100-600 MHz 1520-6600 Mhz
Attenuation:	80 dB min for Stop Band
Insertion Loss:	0.7 dB max
Passband Ripple:	0.3 dB max
Input Return Loss:	20 dB min
Group Delay:	15ns typ
Power:	100 W avg, 3kW peak
Impedance:	50Ω nominal
Environment:	-35 to +65°C, IP67
Dimensions:	4.9 x 3.3 x 1.6 in [124.5 x 84 x 40 mm]
Housing Finish:	Painted Black
Connectors:	N (m-f), Triplate
Weight:	1.9 lbs (0.86 kg)

LA-37N Outline



Dimensions in mm

Note: Specifications are subject to change without prior notification.

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