

# EMI Ground Filter GLE30-1

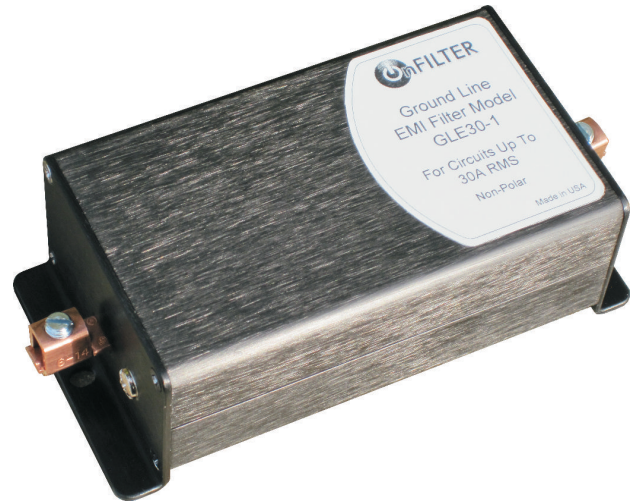
## Protect Your Ground From High-Frequency Noise

Noise on ground is one of the most common causes of problems with equipment operation and, occasionally, component damage. Ground connects all equipment in your facility in one network and all it takes is one faulty or miswired tool anywhere to inject unacceptably high levels of electrical noise into your ground network.

OnFILTER' ground line filter helps protect your sensitive equipment from this ground noise. Connect your equipment to a facility ground via this filter to provide clean ground connection to your sensitive tool.

This filter is designed for equipment consuming up to 30A RMS. Though normally current on ground is negligible, safety regulations require that the ground path should be able to withstand the same current as the power circuit itself.

Filters are very easy to install - connect one terminal to your equipment' ground and another terminal - to your facility ground.



### Applications

- Electronic manufacturing
- Semiconductor fabrication
- Disk drive assembly
- Industrial robotics
- Medical
- Military
- Wherever EMI is an issue

### Features

- Easy installation
- Optimized for ground lines
- Effective noise suppression for all types of noise
- Applications for equipment with current consumption up to 30A

### Increased Up-Time

OnFILTER ground line filters reduce equipment downtime caused by EMI and increase its performance and productivity by providing clean power to your sensitive tools.

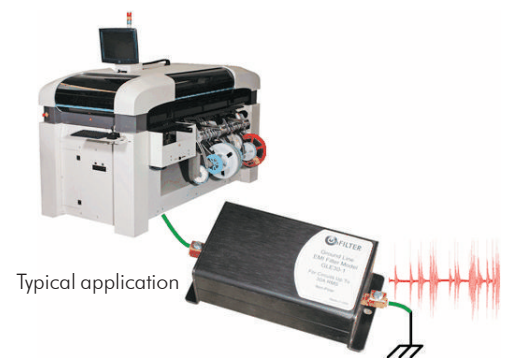
### Transient Noise Suppression

Most of the noise on power and ground lines is not continuous waveforms of high frequency but rather "spikes" generated by solenoids, relays, stepper and variable-frequency motors and alike. The peak value of these spikes can be very strong reaching several volts. OnFILTER' filters are especially effective for this type of signals.

### Wide Range of Applications

OnFILTER ground line filters work with all types of equipment. They provide very low impedance for 50/60Hz safety current while blocking high-frequency noise. Equipment consuming up to 30A can use ground line filters for better performance.

## Ground Line Filter Model GLE30-1



Typical application



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