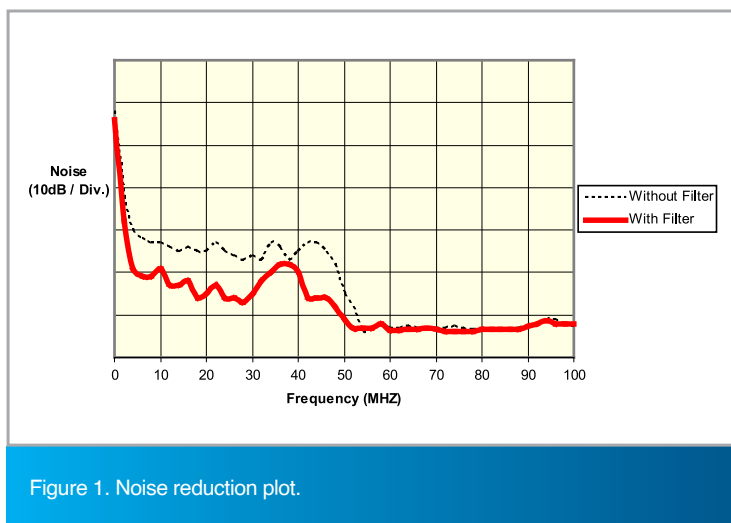


# AEROTECH AUTOMATION

## MFM Motor Filter Module

### Reduce Output-Switching Noise

The MFM Motor Filter Module reduces conducted line noise generated by pulse width modulation (PWM)-switching servo amplifiers. Use the MFM with our Automation1 XC4e, XC2e, XC4 and XC2 servo motor drives.



### KEY FEATURES:

- ◆ Includes **MODULAR PANEL-MOUNT DESIGN** for easy mounting & wiring
- ◆ Works with **ANY AMPLIFIER** up to 340 VDC output
- ◆ Provides **10 AMP CONTINUOUS** current rating

SPECIFICATION	MFM10-1	MFM10-2
Input Voltage	340 VDC	340 VDC
Output Voltage	340 VDC	340 VDC
Continuous Current	10 A	5 A
Peak Current	30 A	10 A
Additional Inductance (line-line)	0.8 mH <sup>(1)</sup>	0.8 mH <sup>(1)</sup>

1. The digital current gains must be adjusted to compensate for the additional inductance added by the filter.

### MFM MOTOR FILTER MODULE ORDERING OPTIONS

<b>MFM Motor Filter Module</b>	
<b>MFM10-1</b>	Motor filter module; PWM drive output filter for reducing conducted switching noise up to 10 dB; includes 12-inch long 10-amp cable compatible with Automation1 XC4e and XC4 drives
<b>MFM10-2</b>	Motor filter module; PWM drive output filter for reducing conducted switching noise up to 10 dB; includes 12-inch long 5-amp cable compatible with Automation1 XC2e and XC2 drives



## MFM MOTOR FILTER MODULE DIMENSIONS

