



## FILTER INSTALLATION GUIDE

Thank you for purchasing an MTE Corporation, Radio Frequency Interference (RFI) filter. Please follow guidance for the safe operation of this device:

- Device is intended for RFI filtering via connection to the mains power line network.
- Device must be installed in accordance with local regulations and by a qualified engineer.
- Protection and performance may be impaired if used in any unspecified manner.
- Refer to the device Specifications for additional and specific product information.
- Do not exceed any product ratings or use outside the stated environmental conditions.
- Device is suitable for mains power frequencies 50-60Hz. DC is also acceptable.
- Device is suitable for 40°C unless specified, installation category II (cat III cabinet).
- Device is rated for RMS Voltage and Continuous RMS current, overload 150% 60s.
- Use EN 61010-031 probes (4mm exposed or less) when testing live voltages.
- Use appropriate RCD protection with sensitivity suitable for the application (Type B).
- Use fast acting, current-limiting fuses with maximum interrupting capacity (Type J,R,T).
- Use enclosures with restricted access and any terminals covers provided or available.
- Observe the Line, Load and Earth designations and correct phase orientation.
- Terminals marked Protective Earth (PE) must connect to the Protective Earthing System.
- Device chassis should be directly bonded to ground to ensure safety and performance.
- Device clearance; 50mm on vented sides. Non-vented sides can be placed directly against non-heat generating parts. Orientation must be horizontal or vertical book.
- Unless otherwise stated, use the minimum typical recommended torque settings.
- Observe Safety Warnings! Hazardous Voltages, Currents and Stored Charges may exist during and after supply isolation!

**Recommended Maximum Torque**

RFI Filter	Nm	in lb
RF3-0006-4	0.8	7
RF3-0006-6		
RF3-0010-4		
RF3-0010-6		
RF3-0018-4	2	17.7
RF3-0018-6		
RF3-0025-4		
RF3-0025-6	1.9	16.8
RF3-0033-4		
RF3-0033-6		
RF3-0050-4	4.5	39.8
RF3-0050-6		
RF3-0070-4		
RF3-0070-6		
RF3-0090-4		
RF3-0090-6	8	70.5
RF3-0130-4		
RF3-0130-6	12	106
RF3-0150-4		
RF3-0150-6		
RF3-0330-4 (M10) Brass/Steel	25/31	221/274
RF3-0330-6 (M10) Brass/Steel		

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