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Thick-Wall Plastic Enclosures w/ EMI/ RFI Shielding *1594RFI Series*

Molded w/ Conductive Plastic

Features:



- Designed for EMI/RFI shielding applications
- Made with a conductive compound of stainless steel fibers and flame retardant ABS plastic (carries a UL flammability rating of 94V-0)
- Black with matte textured finish
- Electronic instrument enclosures, ideally suited for mounting printed circuit boards
- Thick wall design with an average wall thickness of 0.13" (3.3 mm)
- Designed to meet IP54
- Countersunk lid is secured with four M3-0.5 x 18mm long Philips machine screws threaded into integral brass bushings
- Replacement screws sold in packs of 100, part number **1594MS100**
- NOTE: Material is brittle, similar to phenolic. Not for high impact use



For non-shielded applications, try general purpose or water-tight series 1594.



SAFETY NOTES:

- Conductive plastic is NOT an insulator. These enclosures must be treated like a metal enclosure
- Conductive plastic will act as a heating element. Any significant current flow will cause the plastic to heat and produce smoke



Part Numbers

Part Number	Color	Length (mm)	Width (mm)	Depth (mm)
1594RFIABK	Black	56	56	40
1594RFIBBK	Black	81	56	40
1594RFICBK	Black	106.5	66	45
1594RFIDBK	Black	131.5	66	55
1594RFIEBK	Black	167	107	65

Tags: EMI, RFI, conductive plastic, conductive, PCB, thick wall, shielded

Data subject to change without notice

