

1950 - Double shielded housings

These electronic enclosures are designed for applications requiring EMI/RFI shielding. The double walls provide excellent shielding performance in the range of 1 MHz - 20 GHz. The body is made of two sheets of 0.30mm Amucor with a solid polyethylene core.

Excellent attenuation is not the only feature of these EMC shielded enclosures; they also look quite attractive thanks to the brushed metal and anti-fingerprint coating.

For enclosure with sides longer than 600 mm we make these housings or cabinets in a version that is 6mm thick, so the walls have sufficient stiffness.

Benefits

- High EMI shielding performance
- Construction provides strength and rigidity for heavy duty applications
- These EMI shielding enclosures look very nice and are fingerprint proof
- Can be delivered in any size and according to your drawing
- We have over 18 000 models in stock so the appropriate version for your application will always be available
- Low weight construction due to the high performance Amucor shield sandwich construction
- Also suitable for prototyping and small series (up to 1000 pcs)
- Easily machined and modified to your particular requirements
- Superior surface
- Provides excellent durability in outdoor applications
- Approximately one half the weight of full metal EMI shielded housings on the market

Options

- Recessed areas can be provided for connectors, displays and switches
- The enclosures can be produced with your logo
- Version with hinged lid
- With vents or Honeycomb ventilation panel depending on the desired attenuation and the need for cooling.

Flammability characteristics

- Self extinguishing
- UL 94V-0
- Class 1 or Class A fire rating (ASTM E-84)

Technical specifications

Wall thickness of the material	3mm (thicker on request)
Temperature resistance	-50C to +80C

Quotation

For a quotation please send us a drawing specifying the measurements and attenuation needed. For a realistic estimate please also mention the options the shielded housing should be provided with.



Housing with a logo, an EMI shielding window for a display, and a switch. The bottom (cover) is provided with an EMI shielding gasket



Housing with a lid and connector.



Recesses provided in the housing for EMI filters

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Series	Length (mm)	Width (mm)	Height (mm)
1950	Specify the length in mm	Specify the width in mm	Specify the height in mm



Recesses provided in the housing for EMI filters