

## 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*