



SME HV-AN 500 SHIELDED METAL ENCLOSURE FOR HV-AN 500



- Rugged design, stainless steel
- Individual access to each HV-AN
- Full screening using screened room door technology
- Flexible HV connection
- Replaceable media panels for customized applications

The shielded metal enclosure (SME) is designed to contain two High Voltage Artificial Networks, HV-AN 500 according to ISO/DTS 7637-4 and the HV part of CISPR 12 (draft), CISPR 25, ECE No. 10 R05/06 and ISO 11452-1. It is applicable to all electrical vehicles, i.e., battery, hybrid or plugin electric vehicle. The design of the SME HV-AN 500 allows easy handling when connecting the coaxial HV+ and HV- lines to the HV-AN. The cable shield is contacted through two massive terminals to enable a good RF ground contact through the massive terminals. The inner conductor is strain-relieved by the cable gland and led to the connections of the HV-AN.

The SME HV-AN 500 allows the two individual HV AN to be directly connected to the ground plane and allows access to each HV AN. In addition to the box, the scope of delivery of the SME HV-AN 500 includes two RF cables and four connection brackets.



Both sides fully open



Flexible HV connection

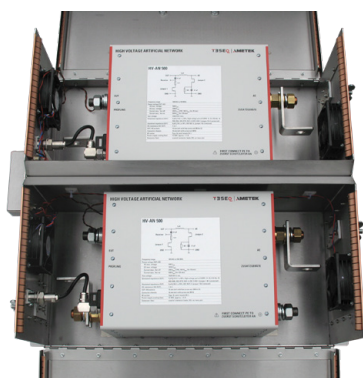
High voltage part of the following standards:

- CISPR 12, CISPR 25
- ECE No. 10 R05/R06
- ISO/DTS 7637-4
- ISO 11452-1
- And other Automotive standards

Technical specifications

HF connectors front panel:	2 x N (female)
Connector for cooling	
Front panel:	2x coaxial connector (male, DC+ on inner pin)
Inside:	2x coaxial connector (female) 5.5 x 2.5 mm
Requirements for cooling:	12 V DC, approx. 1.1 A (approx. 2.2 A with connected HV AN 500)
Weight (empty):	23.5 kg (appx.)
Weight (with 2x HV-AN 500):	40 kg (appx.)
Dimensions (LxWxH):	554 x 514x 235 mm

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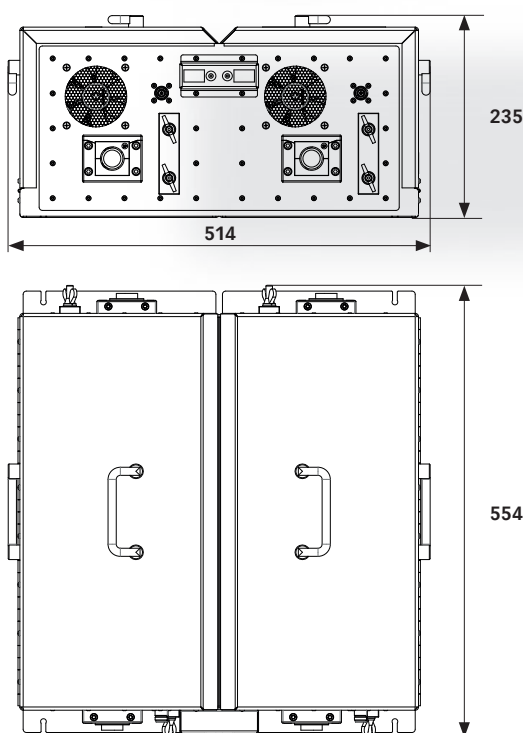


Top view with two HV-AN 500



Side view with HV-AN 500, full screening using screened room door technology

Outline dimensions in mm



Model No. and options

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Part number	Description
259607	SME HV-AN 500 Shielded metal enclosure for two HV-AN 500
Related products	
259606	HV-AN 500 5 µH high voltage artificial network, 500 A, unshielded, for Automotive conform with ISO 7637-2 and HV part of CISPR 12 (draft), CISPR 25, ECE No.10 R05 / R06, ISO 11452-1 and ISO 7637-4