



SME HV-AN 150 SHIELDED METAL ENCLOSURE FOR HV-AN 150



- Rugged design, stainless steel
- Individual access to each HV-AN
- Full screening using screened room door technology
- Size matched to 19" rack mounting
- 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 150 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 150 allows easy handling when connecting the coaxial HV + and HV lines to the HV-AN. The cable shield is contacted over a large area 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 150 allows the two individual HV AN-150 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 150 includes two RF cables and two connection brackets. The HV-AN 150, the calibration option and the external 10 µF for RTCA/DO-160G must be ordered separately.



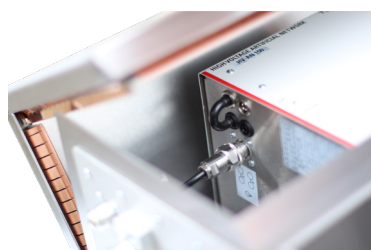
Individual access to each HV-AN



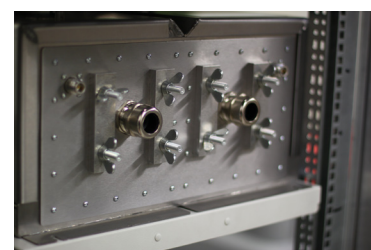
Flexible HV connection

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



Full screening using screened room door technology



Size matched to 19" rack mounting

Technical specifications

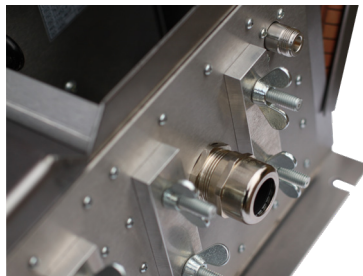
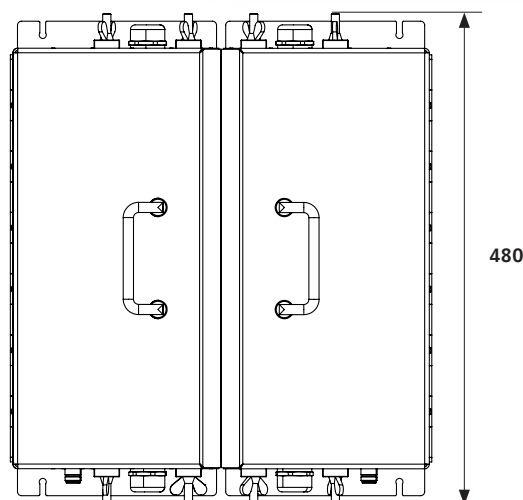
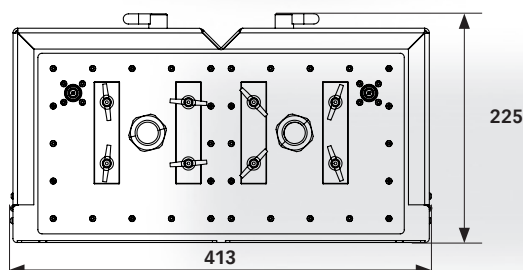
Connectors front panel	2 x N (female)
Weight (empty)	21 kg (approx.)
Weight (with 2x HV-AN 150)	31 kg (approx.)
Dimensions (LxWxH)	480 x 413 x 225 mm

SME HV-AN 150 SHIELDED METAL ENCLOSURE FOR HV-AN 150



Both sides fully open

Outline dimensions in mm



View to the connector panel

AMETEK CTS Europe GmbH
Landsberger Str. 255 · 12623 Berlin · Germany
T +49 30 56 59 88 35 F +49 30 56 59 88 34
customer@cts.ametek.com
www.ametek-cts.com

© January 2021 Teseq®
Specifications subject to change without notice.
Teseq® is an ISO-registered company. Its products
are designed and manufactured under the strict
quality and environmental requirements of the ISO
9001. This document has been carefully checked.
However, Teseq® does not assume any liability for
errors or inaccuracies.

82-259600 E01 January 2021

Model No. and options

Part number	Description
259600	SME HV-AN 150 Shielded metal enclosure for two HV-AN 150
Related products	
253552	HV-AN 150 5 µH high voltage artificial network, unshielded, butterfly screw, for Automotive, Airborne and MIL conform with CISPR 12, CISPR 25, ECE No. 10 R06, ISO 11452-1, ISO 7637-2, MIL-STD-461F and G, RTCA / DO-160G and the HV part of CISPR 12 (draft), CISPR 25, ECE No.10 R05 / R06, ISO 11452-1 and ISO 7637-4