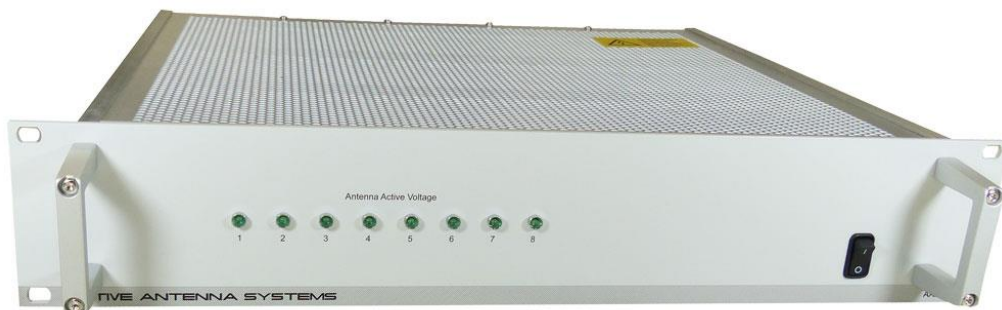


Product Information

Remote Power Supply for Active Antennas AAN 800 Series

The Remote Power Supply AAN 800 Series is used to provide a power supply through the coaxial cable for up to 8 aas.tech active antennas operating at a supply voltage of min. 33 Vdc and up to 8 receiver ports.



AAN 808

The modular design allows maximum flexibility to meet individual system requirements.

The Remote Power Supply AAN 800 series is mainly applicable for the following active receiving antenna models

STA 2.5, 5, 10, 20 A/D/...

HD 1 A

HD 2 A

It ideally extends the antenna distributor series AVS to support several connected active antennas.

The device is designed for integration into 19-inch racks. Its small footprint allows for flexible integration into the application environment. Specific customer requirements can be considered.

Technical Data

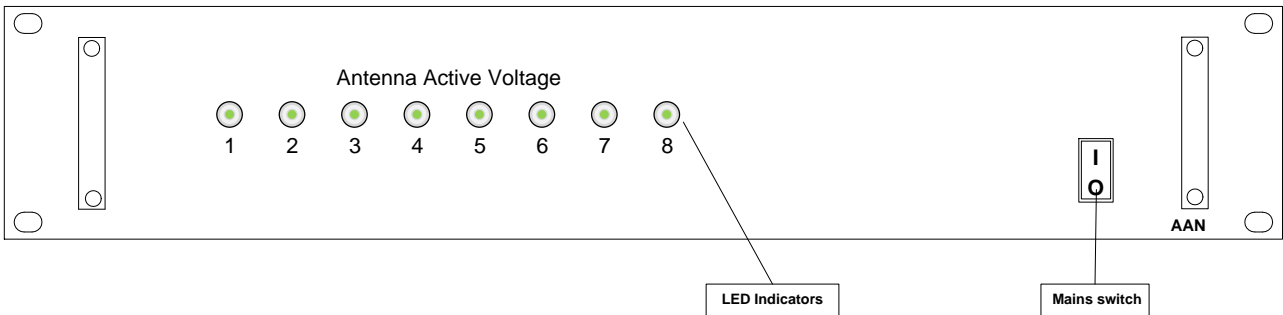
Parameter	Data
Application	power supply unit for active monopole or dipole antennas
Dimension slide-in unit (w x h x d)	19" 2 HU, 360 mm
Weight	5 kg
Color	RAL 7035 (light grey)
Ambient temperature	-10°C ... +60°C
Storage temperature	-40°C ... +80°C
Antenna input port (AAN 808)	8x N socket, switchable for active/passive antennas
Receiver output port (AAN 808)	8x N socket
Mains operation	85 – 264 Vac, 48-60 Hz
Output voltage at antenna ports	34 ± 1 Vdc, max. 350 mA per each active antenna
Insertion loss	< 0,5 dB
Frequency Range	1,5 – 30 MHz

Data given without tolerance are typical values.
 Design and specification are subject to change without prior notice, errors excepted.

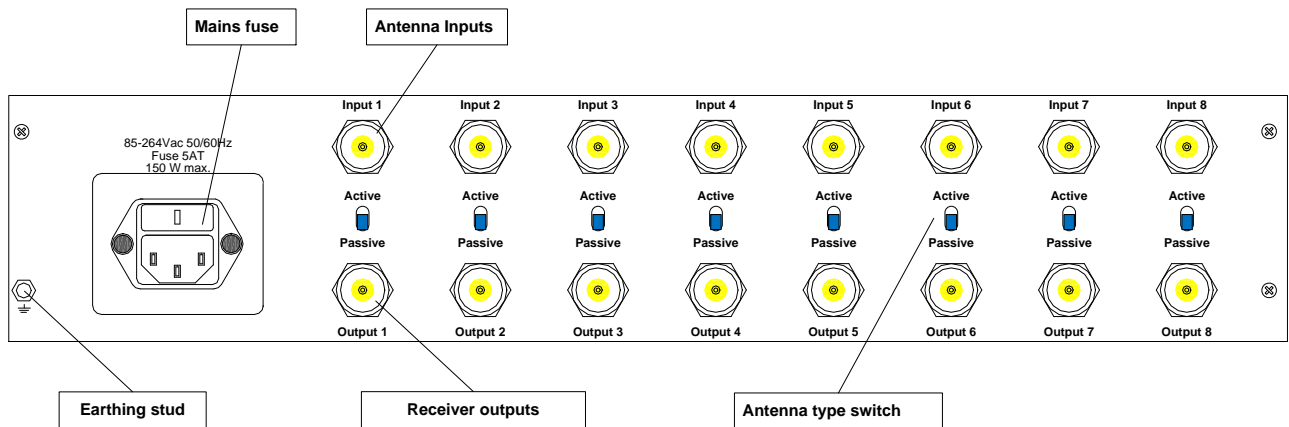
Scope of Supply

Pos.	Description
1	Remote Power Supply AAN 80x
2	Accessory Set ZS 51
3	USB stick with product documentation in pdf format

Views



Front View AAN 808



Rear View AAN 808

Accessories

Type Designation	Part No.	Description
ZS 51	0028.3751.00	Accessory set consisting of <ul style="list-style-type: none"> - 4 ea. Phillips-head screw M6x14 Part No. G.0008 - 2 ea. Fuse 5A/250V/T/5x20mm Part No. E.0046 NSN 5920-12-140-8333 - 1 ea. Power Cord ICE Part No. KA.0171

Variants and Order Information

Type Designation	Part No.	Description
AAN 804	0008.7491.00	19-inch 2 HU Remote Power Supply Unit Frequency range 1.5 - 30 MHz The AAN 804 provides 4 remote power feeding ports and 4 receiver ports, typically used with 4 active monopole antennas STA or 4 active dipole antennas HD 1 A or 2 active dipole antenna HD 2 A or
AAN 806	0008.7492.00	19-inch 2 HU Remote Power Supply Unit Frequency range 1.5 - 30 MHz The AAN 806 provides 6 remote power feeding ports and 6 receiver ports, typically used with 6 active monopole antennas STA or 6 active dipole antennas HD 1 A or 2 active dipole antenna HD 2 A or
AAN 808	0008.7486.00	19-inch 2 HU Remote Power Supply Unit Frequency range 1.5 - 30 MHz The AAN 808 provides 8 remote power feeding ports and 8 receiver ports, typically used with 8 active monopole antennas STA or 8 active dipole antennas HD 1 A or 4 active dipole antenna HD 2 A or

Options

Option	Part No. NSN	Description
RAL Color Code	2061.xxxx.00	Front panel in RAL color according to customer specification part number depends on RAL color code
Receiver Port Connectors	2061.xxxx.00	Receiver connections provided as BNC socket instead of N socket

Other options are available on request.

Spare Parts

Designation	Type	Part No. NSN
Power Supply Module	PS M	0008.7487.80 ---
Fuse	Fuse 5A/250V/T/5x20mm	E.0046 5920-12-140-8333

Associated Products

For integration into the application environment associated products are available.

Designation	Part No. NSN	Description
RF Coaxial Cable	2078.xxxx.00 ---	Assembled ready-made coaxial cable according to customer specification. Type of connectors and type of cable to be specified by customer.

Compatible Distribution Products

The following distribution systems match ideally to be fed from the AAN 800 series.

Type Designation	Part No.	Description
AVS Series	depends on AVS configuration	Antenna Distribution System AVS series for the non-blocking switching and distribution of active and passive antenna signals for more than 20 receiver outputs Frequency range A: 0.01 – 30 MHz Frequency range B: 1.5 – 30 MHz Depending on the number of connected active antennas a separate remote power supply is needed. Doc. PIG 020200

Compatible Active Antennas

The following active receiving antennas match ideally to be fed from the AAN 800 series.

Type Designation	Part No. NSN	Description
STA 10 A/D/0.01-30	0005.8914.00 5985-12-314-1129	Active Receiving Antenna 0.01-30 MHz Doc. FIG 010103
STA 5 A/D/0.01-100	0005.8912.00	Active Receiving Antenna 0.01-100 MHz Doc. FIG 010104
STA 5 A/D/0.01-0.6	0005.8963.00	Active Receiving Antenna 0.01-0.6 MHz Doc. FIG 010105
STA 10 A/D/0.01-1.6	0005.8969.00	Active Receiving Antenna 0.01-1.6 MHz Doc. FIG 010106
STA 10 A/D/1.6-30	0005.8971.00	Active Receiving Antenna 1.6-30 MHz Doc. FIG 010108
HD 1 A	0005.6610.00	Active Receiving Dipole 1.5-30 MHz Doc. FIG 010202
HD 2 A	0005.6620.00	Active Receiving Dipole 1.5-30 MHz Doc. FIG 010203
HD 1 A + STA 10 A/D/0.01-30	0005.6631.00	Active Receiving Combination Antenna System 0.01-30 MHz Doc. FIG 010303
HD 1 A + STA 10 A/D/0.01-100	0005.6633.00	Active Receiving Combination Antenna System 0.01-100 MHz Doc. FIG 010304
HD 2 A + STA 10 A/D/0.01-30	0005.6641.00	Active Receiving Combination Antenna System 0.01-30 MHz Doc. FIG 010305
HD 2 A + STA 10 A/D/0.01-100	0005.6642.00	Active Receiving Combination Antenna System 0.01-100 MHz Doc. FIG 010306