

# WA-AS4

4-way Wideband Antenna Splitter for Wireless Systems

Order # 710.938



## FEATURES

- Input/output BNC socket
- Status LEDs
- Four RF outputs for each antenna path
- DC outputs to power two TG 500SR
- Integrated switching power supply
- Dimensions identical to TG 500DR

## TECHNICAL SPECIFICATIONS

Frequency range ..... 470 - 1,810 MHz  
Connections ..... Input/output BNC socket  
Antenna supply ..... 8 V DC, 150 mA per input  
DC output ..... 12 V DC, 500 mA per output  
Power connection ..... 100 V – 240 V AC  
Power consumption ..... 5 W – 24.5 W  
Weight ..... 2100 g  
Dimensions (W x D x H) ..... 400 x 175 x 42 mm

## SUPPLIED ACCESSORIES

Power cable  
Screw set  
2 x Rack mounting brackets  
2 x DC connection cable for TG 500SR, 60 cm long  
WA-ADF ..... Antenna front mounting adapter,  
2 BNC adapters female/female,  
WA-CKL 60 required for use  
Order # 712.795  
5 x WA-CKL60 ..... Connection cable set with  
2 RG 58 connecting cables,  
60 cm long,  
for cascading or antenna front mounting  
Order # 712.809

## APPLICATIONS

The WA-AS4 is a 4-way wideband antenna splitter operating in the frequency range of 470 to 1,810 MHz.

For the diversity operation the WA-AS4 is provided with two identical antenna paths.

For each antenna path there are four outputs available for the connection of receivers.

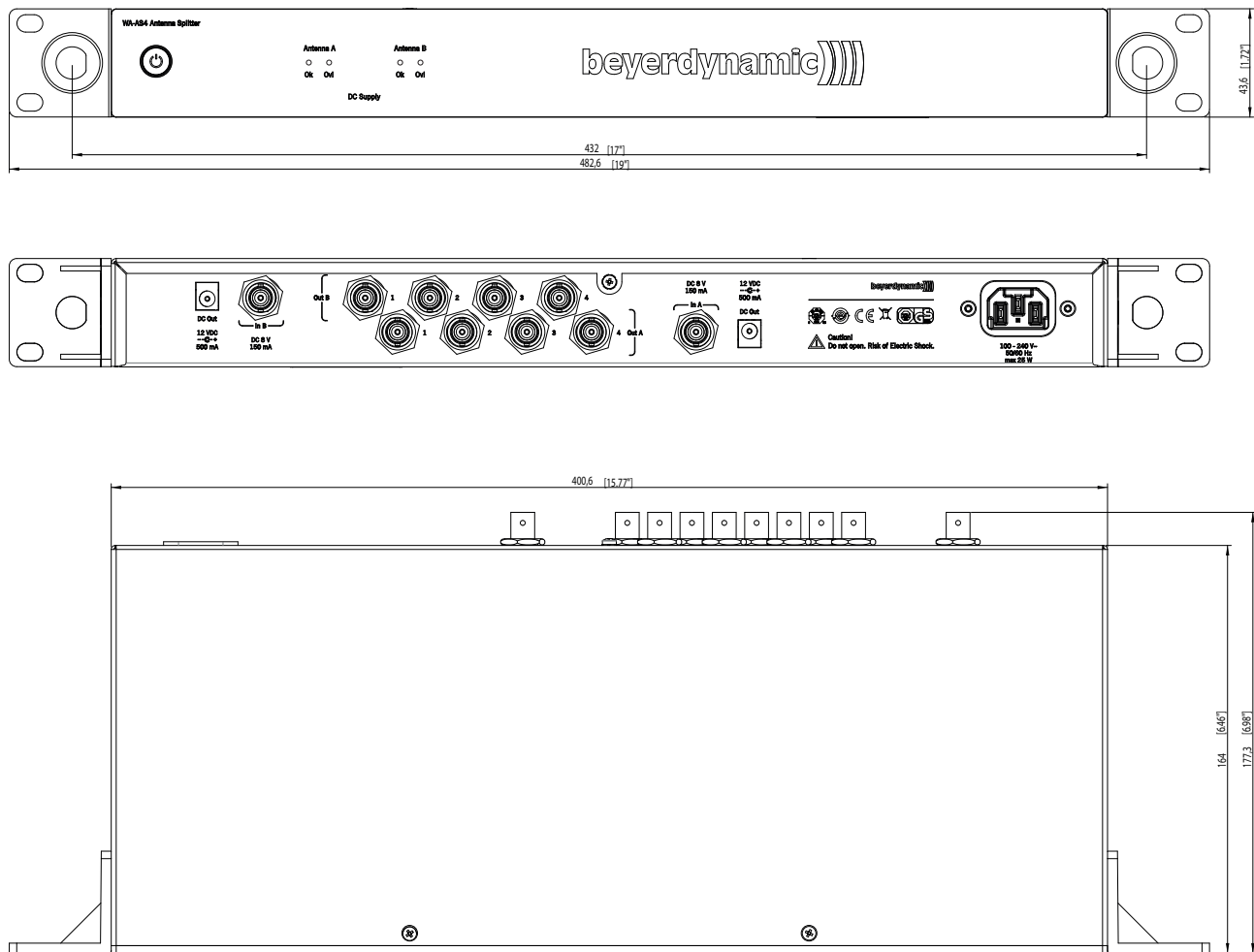
Each antenna input provides a supply voltage for active antennas or antenna amplifiers. A maximum current output of 150 mA at a voltage of 8 V DC is available for each input. The white LEDs "Ok" on the front side show that the antenna power supply is working. The red LEDs "Ovl" indicate that the maximum current consumption of an antenna cable (e. g. due to a short circuit) has been exceeded. In such a case, the antenna supply voltage is switched off automatically.

In addition the WA-AS4 provides two DC outputs. These outputs are designed to drive one TG 500SR each. This eliminates the need for space-consuming external AC/DC power adapters in mixed setups of TG 500SR and TG 500DR. The WA-AS4 itself has an internal switching power supply.

The dimensions and design are adapted to the TG 500DR and TG 500SR receivers, to create an optimal interplay with the TG 500 system.

# WA-AS4

## DIMENSIONS



All dimensions in mm [inch]