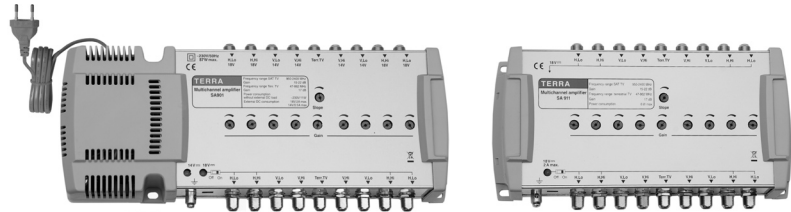


9 cable system Launch and line amplifiers

- for compensation of through losses of multiswitches and interconnection cables in 9 cable distribution systems
- cascadable with multiswitches MS951, MS952 and other 9 cable system components
- signal level control at all inputs
- built-in adjustable equalizer and push-pull amplifier on terrestrial TV line
- fixed 7 dB slope precorrection on SAT IF lines



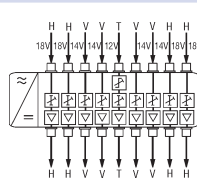
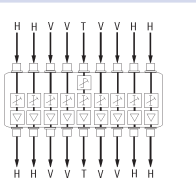
SA901

launch amplifier for amplifying of 8 SAT IF and terrestrial TV signals; built-in switch-mode power supply allows to feed: 18 V DC via H inputs and 14 V DC via V inputs to up lines; switchable 18 V DC via H outputs to down lines; 12 V DC via Terr. TV input (switchable)

SA911

line amplifier for amplifying of 8 SAT IF and terrestrial TV signals; in line powering through H lines; DC pass through H and V lines (switchable through H lines); 12 V feeding via Terr. TV input (switchable)

Technical specifications

| T Y P E | | SA901 | SA911 |
|---|-------------------|---|---|
| Ordering number | | 01742 | 01743 |
| Frequency range | SAT IF | 950-2400 MHz | |
| | Terr. TV | 47-862 MHz | |
| Gain | SAT IF | 15-22 dB (0 ÷ -10 dB adjustable) | |
| | Terr. TV | 17 dB (0 ÷ -17 dB adjustable) | |
| Slope | SAT IF | 7 dB(fixed) | |
| | Terr. TV | 0 ÷ -15 dB (adjustable) | |
| Isolation | SAT/SAT | 30 dB | |
| | SAT/Terr. TV | 30 dB | |
| Noise figure, typical | | ≤ 9 dB | |
| Output level IMD3=60 dB (DIN45004B) | | 112 dBμV (for terrestrial TV) | |
| Output level IMD3=35 dB (EN50083-3) | | 114 dBμV (for SAT IF) | |
| External equipment powering | through V lines | 14 V (14 V+12 V 0.5 A max.) | - |
| | through H lines | 18 V 2 A max. (switchable) | - |
| | through Terr line | 12 V 0.1 A max. (switchable) | - |
| DC pass through, switchable through H lines | | 2 A max. | |
| Power consumption | | 230 V~ 50 Hz 11 W* | DC 9-18 V 6 W** |
| Operating temperature range | | -20° ÷ + 50° C | |
| Dimensions/Weight (packed) | | 291x128x53 mm/1 kg | 234x128x53 mm/0.75 kg |
| | |  |  |

* without external DC loading; with maximal external DC load - 57 W

** in line powering of SA911 through H lines