# System accessories

## Line amplifier SA001

- for recovering of signal loss in SAT IF distribution networks
- DC and tone pass through

## Diplexer DC009

- for combining of SAT IF and terrestrial TV signals
- DC and tone pass through to SAT TV input

## Polarity/band switch PI010

- for insertion 14 V/18 V / 0/22 kHz control signal
- powered from line or external 18 V power supply










Technical specifications

| TYPE | SA001 | DC009 | PI010 |
|---|---|---|---|
| Ordering number | 00701 | 01543 | 01789 |
| Frequency range | 950-2400 MHz | 47-862 MHz/950-2400 MHz | 950-2400 MHz |
| Attenuation in the stop-band | - | 20 dB | - |
| Gain | 17-22 dB | - 1.5 dB | - 1 dB |
| Noise figure, typical | ≤ 9 dB | - | - |
| Maximal output level IMD3=35 dB (EN50083-3) | 104 dBμV | - | - |
| DC pass | - | - | 0.3 A max. |
| Current consumption | +12 ÷ +18 V 60 mA | - | 14 V/18 V 30 mA |
| Dimensions/Weight (packed) | 79x40x24mm/0.06 kg | 53x64x24mm/0.07 kg | 53x64x24mm/0.08 kg |

## Active SAT IF splitters

- DC and tone through pass
- high outputs isolation

**SS001**
2 way active splitter
**SS002**
4 way active splitter
**SS003**
6 way active splitter










Technical specifications

| TYPE | SS001 | SS002 | SS003 |
|---|---|---|---|
| Ordering number | 00704 | 00702 | 00703 |
| Frequency range | 950-2400 MHz | | |
| Gain | -1 ÷3 dB | | |
| Noise figure | ≤ 10 dB | | |
| Maximal output level IMD3=35 dB (EN50083-3) | 94 dBμV | | |
| Current consumption | +12 ÷ +18 V 20 mA | | |
| Dimensions/Weight (packed) | 79x40x24mm/0.07 kg | 79x64x24mm/0.07 kg | 79x64x24mm/0.08 kg |

## Power supply

- high efficiency 18 V & 2 A switch-mode power supply



Technical specifications

| TYPE | PS182F |
|---|---|
| Ordering number | 00626 |
| DC output | +18 V 2 A |
| Output DC connector | F male |
| Mains voltage | 180 V÷ 240 V~ 50 Hz |
| Dimensions | 78x130x33 mm |




## Power inserter

- F female, 5-2400 MHz
- I max. 1 A

Ordering number 00797



## Link

- F male-quick - F male-quick for interconnection of the equipment

Ordering number 00933