



# House amplifiers

## Medium power splitband amplifier

- splitband amplifier with separate gain & slope adjustments in VHF & UHF ranges
- metal-plastic housing for indoor mounting
- output test point and screw terminal for equipotential bonding
- built-in power supply



| Technical specifications                    |  | HS003                    |                    |
|---|--|--------------------------|--------------------|
| TYPE  |  |                          |                    |
| Ordering number                             |  | 01590                    |                    |
| Frequency range                             |  | VHF<br>47-414 MHz        | UHF<br>470-862 MHz |
| Gain  |  | 29-33 dB                 | 33-39 dB           |
| Flatness                                    |  | ± 0.75 dB                |                    |
| Gain adjustment                             |  | 20 dB                    |                    |
| Slope adjustment                            |  | 18 dB                    | 6 dB               |
| Maximal output level IMD3=60 dB (DIN45004B) |  | 119 dB $\mu$ V           | 117 dB $\mu$ V     |
| Maximal output level IMD2=60 dB (EN50083-3) |  | 116 dB $\mu$ V           | 114 dB $\mu$ V     |
| Input and output return loss                |  | >14 dB                   | >10 dB             |
| Noise figure                                |  | < 6 dB                   |                    |
| Power consumption                           |  | 230 V~ 50 Hz 11 W        |                    |
| Operating temperature range                 |  | -20° ÷ +50° C            |                    |
| Dimensions/Weight (packed)                  |  | 180x87.5x50.5 mm/0.83 kg |                    |