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Mast amplifier with BOSS-Tech

3 inputs: FM-BIII-UHF

Masthead amplifier for the amplification of terrestrial television signals coming from several antennas.

Equipped with 3 inputs, with amplification on all bands. The amplifier is powered through the output coaxial cable.

RED compliant.

Ref.560121

Art.Nr

EAN13

8424450204665

Highlights

- Separate amplification and very low noise figure, thus respecting signal quality
- BOSS-Tech for UHF band: it automatically adjusts its own gain (UHF) based on normal fluctuations of the input signal in order to always provide the best output level.
- Manually-adjusted gain for FM and BIII band
- Can be powered in the 12 V-to-24 V range
- Fully automated manufacturing, subject to the most stringent quality controls
- High-screening Zamak chassis

Main features

- LTE700/5G filter to remove mobile phone interference
- "F" connectors
- Easy mounting. Equipped with a plastic tie for mast mounting
- Resistant ABS-plastic back case for outdoor installation

Technical specifications

| Inputs/Bands | | FM | BIII | UHF |
|--------------------------------|---------------------------|--------------------|--------------------|--------------------|
| Frequency range | MHz | 87...108 | 174...254 | 740...694 |
| BOSS Mode | | X | X | ✓ |
| Gain | dB | 13 | 17 | 28 |
| Gain regulation margin | dB | MANUAL 0 ... 18 | MANUAL 0 ... 18 | AUTO 0 ... 18 |
| Output level | DIN 45004B | 97 | 103 | 108 |
| | EN 50083 (IMD3 2CH -60dB) | - | 100 | 105 |
| | 10 CH DVB-T | - | - | 94 |
| Output level regulation margin | dB | - | - | MANUAL 0 ... 12 |
| Noise figure | dB | 2,5 | 2,5 | 2,2 |
| Powering | Vdc | 12-24 | | |
| Consumption | mA | 50 | | |
| Protection index | IP | 23 | | |
| Operating temperature | °C | -20 ... +45 | | |