Data sheet









Outdoor multiband amplifier 12V broadband and channel inputs ACK series

art. 28-066 ACK3/10 V-U-3Can.U 12V





















Outdoor multiband amplifier with broadband and channel inputs, indicated for small size TV systems, ideal for those areas where Rai muxes (ch. 26, 30, 40 and regional channel which is adjacent or half-adjacent to one of them) are received from a different direction than the muxes of other broadcasters (e.g. AMEDIASET ch. 36, 38, 49, 52 and 56, DFREE ch. 50, LA3 ch. 37).

This product is particularly suitable for the following regions: Basilicata, Emilia Romagna, Friuli Venezia Giulia, Lazio, Marche, Molise, Puglia, Sicilia, Toscana, Umbria, Valle d'Aosta.

In these regions RAI regional channel is adjacent or half adjacent to one of the RAI national channels

e.g. channels 24/26, 30 and 40 (where "24/26" is an enlarged channel that includes both the regional channel 24 that the channel 26).

This amplifier is designed to optimize the amplification of DTT signals in the range E02÷E60, attenuating the LTE 800 MHz band without preventing the proper functioning of the channel E60.

Each input is equipped with a coaxial attenuator (0÷20 dB) as level regulator and a switch to enable remote power supply.

The 3 coaxial attenuators (0÷20 dB) are distributed as follows:

- 1 for VHF band
- 1 for UHF band
- 1 for channels

When ordering you must specify the desired UHF channels.

The VHF band includes up to S20 channel (300 MHz), with the exception of FM signals.

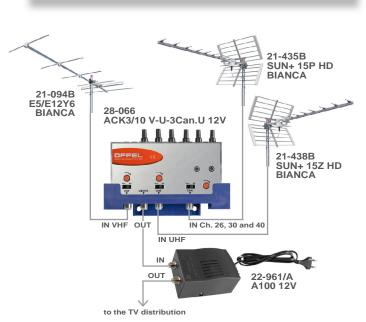
Characteristics

- Shielded housing with screw F-type connectors
- All broadband and channel inputs are amplified
- Separate amplification for the VHF and UHF bands

| Code | | 28-066 |
|----------------------------------|-------|------------------------|
| Item | | ACK3/10 V-U-3Can.U 12V |
| No. of inputs | | 3 |
| No. of coaxial attenuators (0÷20 | dB) | 3 |
| VHF band noise figure | dB | 4 |
| UHF band noise figure | dB | 5 |
| VHF band max output level* | dΒμV | 110 |
| UHF band max output level* | dΒμV | 120 |
| VHF band gain | dB ±2 | 12 |
| UHF band gain | dB ±2 | 9 |
| UHF channels gain | dB ±2 | 10 |
| Absorbed current | mA | 90 |
| Supply voltage | Vdc | 12 |
| Dimensions (LxWxH) | mm | 142x60x130 |
| Packaging dimensions (LxWxH) | mm | 145x60x140 |
| Packaging weight | Kg | 0,5 |
| Fit temperature | °C | -10 ÷ +55 |
| Compliant to | | EN 55083-2, EN 60065 |
| | | |

^{*} Maximum output level measured with the method IM3 -35dBc 2 tones. Technical data refer to a temperature of 25 °C

Example of application



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