



Outdoor multiband amplifier 12V broadband and channel inputs ACK series

art. 28-067
ACK3/10 V-U-4Can.U 12V

Outdoor multiband amplifier with broadband and channel inputs, indicated for small size TV systems, particularly suitable for the following regions: Abruzzo, Calabria, Campania, Emilia Romagna, Friuli Venezia Giulia, Liguria, Lombardia, Piemonte, Trentino Alto Adige and Veneto.

In these regions **Rai** muxes (ch. 26, 30, 40 and regional channel not adjacent to one of them) are received from a different direction than the muxes of other broadcasters (e.g. **MEDIASET** ch. 36, 38, 49, 52 and 56, **DFREE** ch. 50, **LA3** ch. 37).

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	28-067
Item	ACK3/10 V-U-4Can.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*	dBμV 110
UHF band max output level*	dBμV 120
VHF band gain	dB ±2 12
UHF band gain	dB ±2 10
UHF channels gain	dB ±2 9
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

