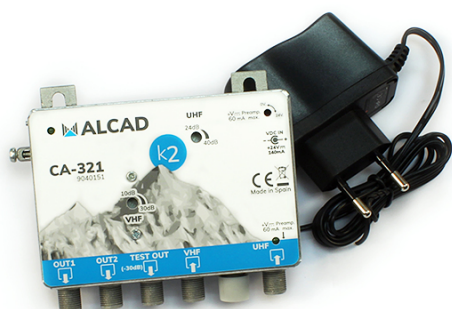


904 BROADBAND AMPLIFIERS

K2 AMP, UHF-VHF, 2 OUTPUTS

Code : **9040151**

Model : **CA-321**



Head-end broadband amplifier with two inputs and two outputs. It has one UHF input and another input for BI/FM/BIII/DAB. The two outputs have the same output level, with a maximum of 110 dB μ V, and facilitate the creation of star-shaped distributions using splitters.

UHF input can power 24V preamplifiers with up to 60 mA. The installer can easily switch the preamplifier power on and off.

The amplifier is powered with an external power supply, included with the product. It is also sold separately as FF-300 as a spare part, to be used for maintenance or repairs.

Its zamak chassis provides the amplifier with maximum shielding, while also making it very robust. The F-type connections also allow for minimum load mismatch and maximum shielding.

| CÓDIGO-CODE-CODE | | 9040151 | | | |
|---|--------------|--|------------|------------|-------------|
| MODELO-MODEL-MODÈLE | | CA-321 | | | |
| Número de entradas/salidas Number of inputs/outputs Nombre d'entrées/sorties | | 2/2 | | | |
| Rango de frecuencia Frequency range Gamme de fréquences | Band | BI | FM | BIII/DAB | UHF |
| | MHz | 40-70 | 88-108 | 160-260 | 470-862 |
| Ganancia Gain Gain | dB \pm TOL | 28 \pm 2 | 18 \pm 2 | 28 \pm 2 | 38 \pm 2 |
| Regulación de ganancia Adjustable gain range Plage de réglage du gain | dB | 20 | | | 16 |
| Test de salida Output test point Sortie test | dB \pm TOL | -30 \pm 2 | | | |
| Nivel de salida Output level Niveau de sortie | dB μ V | 2 x 110 DIN 45004B 2 x 107 (IMD ₃ -66 dB) 2 x 100 (IMD ₂ -60 dB) | | | |
| Figura de ruido Noise figure Facteur de bruit | dB \pm TOL | 5 \pm 1,5 | | | 6 \pm 1,5 |
| Desacoplo Isolation Découplage | dB | \geq 13 | | | |
| Tensión de salida Output voltage Tension de sortie | V- | - | | | 24 |
| | mA | - | | | 50 |
| Temperatura de funcionamiento Operating temperature Température de fonctionnement | °C | -10..+65 | | | |
| Índice de protección Protection index Indice de protection | | IP 20 | | | |

DIN 45004B: 3 unequal carriers, IMD3 at 60 dB

IMD3 -66 dB: 3 unequal carriers, EN 60728-5

IMD2 -60 dB: 2 equal carriers, EN 60728-5

Data published in compliance with the definitions and measurement methods of the following standards: EN 60728-3, EN-60728-4 and EN 60728-5

Se debe cargar la salida no utilizada con una carga RS-275 (COD. 9120011).

The unused output should be loaded with an RS-275 (COD. 9120011) load.

La sortie non utilisée doit être chargée avec une charge RS-275 (COD. 9120011).

