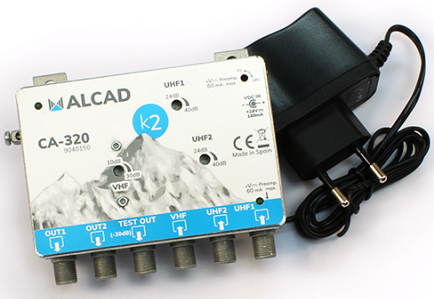
904 BROADBAND AMPLIFIERS

K2 AMP, UHF-UHF-VHF, 2 OUTPUTS



Code : **9040150**

Model : **CA-320**

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

UHF1 input can power 24V preamplifiers with up to 60 mA. The installer can easilly switch the preamplifier power on and off.

The amplifier is powered with an external power supply, included with the product. It is also sold sepparately as FF-300 as a spare part, to be used for maintainance 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		9040150				
MODELO-MODEL-MODÈLE		CA-320				
Número de entradas/salidas Number of inputs/outputs Nombre d'entrées/sorties		3/2				
Rango de frecuencia Frequency range Gamme de fréquences	Band	BI	FM	BIII/DAB	UHF1	UHF2
	MHz	40-70	88-108	160-260	470-862	
Ganancia Gain Gain	dB ±TOL	28 ±2	18 ±2	28 ±2	38 ±2	
Regulación de ganancia Adjustable gain range Plage de réglage du gain	dB	20			16	
Test de salida Output test point Sortie test	dB ±TOL	-30 ±2				
Nivel de salida Output level Niveau de sortie	dBµV	2 x 110 DIN 45004B 2 x 107 (IMD3 -66 dB) 2 x 100 (IMD2 -60 dB)				
Figura de ruido Noise figure Facteur de bruit	dB ±TOL	5 ±1,5			6 ±1,5	
Desacoplo Isolation Découplage	dB	≥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).