904 BROADBAND AMPLIFIERS

DISTRIBUTION AMPL UHF+VHF/BS



Code : **9040015**

Model : **DA-720**

Description

Broadband distribution amplifier for terrestrial TV. It amplifies the VHF band plus interbands and the UHF band separately. Each band has a gain control and a variable equaliser. As they are independent they facilitate level djustment. Fed by a built-in power supply.

Applications

Used as a distribution amplifier in large community installations or cable networks. These installations commonly have long runs of cable which attenuate and unbalance the signal. The channels with higher frequencies attenuate more. The distribution amplifiers compensate this loss with the equaliser and amplify the channels adding as little noise as possible. The separated band amplifiers do not amplify the highest channels of the interband.

Characteristics

Made from zamak and galvanised plate for maximum shielding.Separate housings for the power supply unit and the high frequency circuit. F type connectors, located on the lower part to help with the installation.

CODE		9040015	
MODEL		DA-720	
Frequency range	Band	VHF	UHF
	MHz	47 - 422	470 - 862
Gain	dB±TOL	35 ±1.0	36 ±1.0
Flatness response	dB	±1.0	
Gain adjustment	dB	20	
Fixed equalization	dB	-	4
Adjustable equalization range	dB	17	8
Input/output test point	dB±TOL	-30 ±1.0	
Output level	dBµV	120 DIN 45004B 117 (IMD_3 -60 dB) 115 (IMD_2 -60 dB) 104 (CTB -60 dB) 106 (CSO -60 dB) 102 (XMOD -60 dB)	
Return loss I/O	dB	≥10	
Chroma - luminance delay	ns	<30	
Noise figure	dB	≤7	≤8
Fuse	V~	250	
	W	5	
Mains voltage	V~	90-264 50/60 Hz	
	W	11	
Operating temperature	°C	-10..+65	
Protection index		IP 50D	
Units per packing		1	
Packing weight	Kg	1.8	
Packing dimensions	mm	220 x 200 x 60	