



PA-720

Description

Broadband amplifier for ALCAD equipment. It has one inputs to amplify the signal coming from all the modules of the installation, and a mutliplexing input for the rest of the channels of the installation. The output level can be controlled by means of an attenuator.

Applications

All MATV installations where modulators are incorporated and monochannel amplifiers are not used.

Characteristics

Amplifier with high output level, power stage with a hybrid amplifier. Supplied with power cable.

CODE		9120093
MODEL		PA-720
TV System		AM-TV / DVB-T / DVB-C
Number of inputs		1
Frequency range	MHz	40 - 894
Gain	dB±TOL	44 ±1,0
Gain adjustment	dB	15
Output level	dBµV	119 DIN 45004B 116 (IMD ₃ - 60 dB) 110 (IMD ₂ - 60 dB) 103 (CTB - 60 dB) 103 (CSO - 60 dB) 104 (XMOD - 60 dB)
Output test point	dB±TOL	-30 ±1,0
Extension input loss	dB±TOL	0 ±2,0
Noise figure	dB	35 ±0,5
Return loss	dB	>14 - 1.5 / eighth >10
Chroma-luminance delay	ns	<10
Connectors		F female
Power supply	V---	+24
	mA	320
Operating temperature	°C	-10..+45
Room temperature with/ without fan	°C	-10..+55/+45
Protection index		IP 20C
Units per packaging		1
Packing weight	Kg	1.16
Packing dimensions	mm	265 x 165 x 40

DIN 45004B: 3 unequal carriers, IMD3 at 60 dB
IMD₃ -60 dB: 2 equal carriers, EN 50083-3
IMD₂ -60 dB: 2 equal carriers, EN 50083-3

CTB -60 dB: 42 equal carriers, EN 50083-3
CSO -60 dB: 42 equal carriers, EN 50083-3
XMOD -60 dB: 42 equal carriers, EN 50083-3