904 BROADBAND AMPLIFIERS

AMPLIFIER UHF-UHF-BIII-BI-FM LTE



Code : **9040118**

Model : **CA-541**

Description

Broadband amplifier for head-end, with several inputs and different frequency configurations, compatible with the transmission of LTE mobile telephone signals The built-in power supply unit can feed up to five preamplifiers automatically. Output test-point to adjust the installation without having to disconnect the TV signal. Available on request in 125 and 240 V~.

Applications

Large-scale collective digital and analogue terrestrial TV installations which are affected by the transmission of LTE mobile telephone signals. Suitable for installations where the channels of each band are received at similar levels. Adjustment by means of regulators which control the gain at each input. Characteristics Made from zamak and galvanised steel plate to provide maximum shielding. Independent housings for the power supply unit and the high frequency circuit Input and output connectors in the lower part facilitate installation. F-type connectors for screwing on or crimping.

CODE		9040118				
MODEL		CA-541				
TV System		AM-TV / DVB-T				
Connection		F female				
Number of outputs		1+test				
Number of inputs		5				
Frequency range	Band	BI	FM	BIII/DAB	UHF1	UHF2
	MHz	47-70	88-108	160-260	470-790	
Gain	dB	40			45	
Adjustable gain range		20				
Flatness response	dB	±2				
Output test point	dB	-28 ±1		-30 ±1	-34 ±2	
Output level	dBµV	115 DIN 45004B 112 (IMD3 -60 dB) 105 (IMD2 -60 dB)				
Return loss	dB	10				
Chroma - luminance delay	ns	<10				
Noise figure	dB	8				
Output voltage	V⎓	24 Auto				
	mA	60				
Fuse	V~ /A	220 / 1.6				
Mains voltage	V~	230±10% 50/60 Hz				
	VA	8				
Operating temperature	ºC	-20..+60				
Protection index		IP50D				
Units per packaging		1				
Packing weight	Kg	1.8				
Packing dimensions	mm	220 x 200 x 60				