



CB-400

Description

Combiner amplifier with 10 inputs in the terrestrial band. Combines and amplifies 10 groups of filtered channels separately, obtaining an output of up to 100 amplified channels with a very reduced level of noise, equivalent to that of fewer than 10 channels. Equipped with a separate gain control for each input.

Applications

Large collective installations of digital or analogue terrestrial TV with a high number of channels (from 30 channels upwards), which require amplification and the least noise possible. Compatible with all collective TV installations in the terrestrial band. Ideal for installations with a high number of modulators.

Characteristics

One of the main features of the equipment is its exceptional response to noise in installations of up to 100 channels, due to filtering and independent amplification by groups of channels. Shielded zamak chassis with plastic supports. F-type connectors. Power supply connector is 9.5 x 2.1 mm jack.

Accessories

9130054 FU-513 Power supply unit, 7.5 V $\overline{=}$

CODE		9120126									
MODEL		CB-400									
TV System		AM-TV / DVB-T / DVB-C									
Connection		F female									
Inputs		10									
Frequency range	MHz	47-125	125-202	202-279	279-366	366-454	454-542	542-630	630-718	718-806	806-862
Gain	dB \pm TOL	29 \pm 3.0									
Gain adjustment	dB	10									
Selectivity	dB	30 (77 MHz VHF) (88 MHz UHF)									
Output test point	dB \pm TOL	-30 \pm 1.0									
Output level	dB μ V	118 DIN 45004B 115 (IMD ₃ -60 dB) 118 (IMD ₂ -60 dB) 105 (CTB -60 dB) 105 (CSO -60 dB) 105 (XMOD -60 dB)									
Noise figure	dB	6 \pm 1.0									
I/O return loss	dB	\geq 10									
Chroma-luminance delay	ns	<10									
Power supply	V $\overline{=}$	6,5..9,0									
	mA	1150									
Operating temperature close to equipment	°C	-10..+65									
Room temperature with/without fan	°C	-10..+55/+45									
Protection index		IP 30									
Units per packing		1					9				
Packing weight	Kg	0.7					6.5				
Packing dimensions	mm	245 x 160 x 35					312 x 190 x 225				