904 BROADBAND AMPLIFIERS

DISTRIBUTION AMPL SAT-TV (RP 30MHZ)



Code : **9040032**

Model : **CF-112**

Description

Broadband distribution amplifier for terrestrial TV and IF satellite. It amplifies the return path, and is available in different frequencies according to the model. It has a gain control and slope control on each TV and SAT band. Fed by a built-in switching power supply. The input and output test point permits the checking and adjustment of the installation without having to disconnect the TV signal.

Applications

Used as a distribution amplifier in large terrestrial and IF band SMATV installations. Designed to permit the distribution of the IF band among groups of different buildings or houses from one single SAT head-end.

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		9040032		
MODEL		CF-112		
Frequency range	Band	VR	TV	SAT
	MHz	5-30	47-862	930-2.150
Gain	dB±TOL	10 ±1	40 ±2	40 ±4
Gain adjustment	dB	-	20	15
Adjustable equalization range	dB	-	18	6 fija
Input/output test point	dB±TOL	-28 ±1	-30 ±2	-26 ±4
Output level	dBµV	110 DIN 45004B 107 (IMD_3 -60 dB) 90 (IMD_2 -60 dB)	113 DIN 45004B 110 (IMD_3 -60 dB) 103 (IMD_2 -60 dB) 95 (CTB -60 dB) 99 (CSO -60 dB) 95 (XMOD -60 dB)	120 (IMD_3 -35 dB) 110 (IMD_2 -35 dB)
Return loss I/O	dB	≥14	≥10	≥5
Chroma - luminance delay	ns	<80		
Group delay	ns	<40		
Noise figure	dB	≤8,5	≤8,5	≤8
Mains voltage	V~	90-264 50/60 Hz		
	W	8		
Operating temperature	°C	-20..+60		
Protection index		IP 50D		
Units per packing		1		
Packing weight	Kg	1,8		
Packing dimensions	mm	220 x 200 x 60		

CODIGO			9040032	9040047	9040037	9040043
MODELO			CF-112	CF-116	CF-712	CF-716
Modelo equivalente			-	CF-112	-	CF-712
Vía de retorno	MHz	VR	5 - 30	5 -65	5- 30	5 -65
Vía directa	MHz	TV	47 - 862	86 - 862	47 - 862	86 - 862
		SAT	930 - 2150			