

CODE		9040031		9040036	
MODEL		CF-111		CF-711	
Frequency range	Band	RP	TV	RP	TV
	MHz	5 - 30	47 - 862	5 - 30	47 - 862
Gain	dB±TOL	10 ±1	38 ±2	10 ±1	47 ±2
Gain adjustment	dB	-	20	-	20
Adjustable equalization range	dB	-	18	-	18
Input/output test point	dB±TOL	-28 ±1	-30 ±2	-28 ±1	-30 ±1
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)	110 DIN 45004B 107 (IMD ₃ -60 dB) 90 (IMD ₂ -60 dB)	120 DIN 45004B 117 (IMD ₃ -60 dB) 110 (IMD ₂ -60 dB) 103 (CTB -60 dB) 104 (CSO -60 dB) 102 (XMOD -60 dB)
Return loss I/O	dB	≥14	≥10	≥14	≥10
Chroma - luminance delay	ns	<80			
Group delay	ns	<40			
Noise figure	dB	≤8.5			
Mains voltage	V~	230 ±15% 50/60 Hz			
	W	8		12	
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			

The CF-111 and CF-711 amplifiers are available with other return paths.

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