FRACARRO

K Series

Channel amplifiers

KF/..
KF/DAB
K120L/..

Channel amplifiers with five resonant circuits for VHF modules and four for UHF modules.
Excellent selectivity allows the distribution of adjacent channels.
The SMD amplification card ensures a high degree of reliability and accuracy. Not sensitive to static discharge and temperature change, stability has been taken into account during the design phase.
Operating temperature: –10° to +55°C.
Packaging 1 pc.

Dimensions
32x129x86mm

Item	Code	Gain (adj.) dB	Selectivity dB Standard B/G* ACn-2	ACn-1	VCn+1	VCn+2	Return loss input dB	Return loss output dB	Max. output level dBµV	Noise figure typ. dB	Channels	Max. power consumption mA
KF/..	2701xx	9 (45)	35	5	9	35	10	15	93	7	E2-E4	20@12VDC
		9 (45)	-	-	-	-	15	15	90	4	FM	20@12VDC
		9 (45)	40	5	10	44	10	10	95	9	E5-E12	20@12VDC
		7 (30)	35	5	10	40	10	10	95	10	S11-S20	20@12VDC
		11 (35)	42	10	16	46	12	12	95	10	S21-S38	38@12VDC
		11 (35)	42	10	16	46	10	10	95	10	E21-E69	38@12VDC

K Series

DAB amplifiers

Channel amplifiers to filter and distribute the DAB (Digital Audio Broadcasting) band. Packaging 1 pc.

Item	Code	Gain (adj) dB	Return loss input dB	Return loss output dB	Max. output level dBµV	Bandwidth MHz	Max. power consumption mA
KF/DAB	270058	14 (45)	10	10	100	217-230	20@12VDC
KF/DAB1	270060	12 (45)	10	10	100	195-223	20@12VDC
K120/DAB1	270278	45 (40)	10	10	120	195-223	180@12VDC

K Series

120dBµV output channel amplifiers

New

Channel amplifiers with five resonant circuits.
Excellent selectivity allows the distribution of adjacent channels. The SMD amplification card ensures a high degree of reliability and accuracy. Not sensitive to static discharge and temperature change, stability has been taken into account during the design phase. Operating temperature: from –10° to +55°C. Packaging 1 pc.

Item	Code	Gain (adj.) dB	Selectivity dB Standard B/G* ACn-2	ACn-1	VCn+1	VCn+2	Output level dBµV	Noise figure dB	Channels	Max. power consumption mA
K120L/..	2708xx	45 (40)	35	5	9	35	120	8	E2-E4	180@12VDC
		40 (40)	-	-	-	-	112	5	FM	200@12VDC
		45 (40)	40	5	10	44	120	9	S1-S10	180@12VDC
		45 (40)	40	5	10	44	120	9	E5-E12	180@12VDC
		45 (30)	35	5	10	40	120	10	S11-S20	200@12VDC
		45 (30)	42	10	16	46	120	9	S21-S38	200@12VDC
		45 (30)	42	10	16	46	120	9	S39-S41	200@12VDC
		45 (30)	42	12	18	46	120	9	E21-E69	200@12VDC

* It is possible to adjust the amplifier to a different standard on request.