

Building distribution amplifier „Series BK/BKE/BKD“



Series BK



Series BKE



Series BKD

Facts

- Compact die-cast housing with very good heat sink
- Flexible and future-proof return path technology through active and passive return path module
- High output level and low noise factor through Push-Pull GaAs-FET technology
- Excellent linearity

- BK-series: ECO-Line, die-cast housing without return path
- BKE-series: with built-in return path amplifier, 0...18 dB adjustable. Excellent cost/performance ratio
- BKD-series: return path modules pluggable. Modular switch mode power supply, easy interchangeable and serviceable
- BKD .. P: setting of attenuation and equalization with PAD's in 1 dB steps or variable attenuators 0...20 dB adjustable

Product line	Building distribution amplifier „Series BK / BKE / BKD“									
Type	BK 22	BK 30	BKE 22	BKE 30	BKE 35	BKD 15 P	BKD 14	BKD 22	BKD 30	
Article-No.	1293	1294	1229	1230	1277	1232	239	483	222	
Final stage										
Frequency range	MHz	5-862	5-862	85-862	85-862	85-862	5-862	5-862	5-862	5-862
Slope frequency point, selectable	MHz									
Gain	dB	19 ... 22	28 ... 30	19 ... 22	19...23/28...31 ¹	32 ... 35	15,5	14	22	23/31 ¹
Noise figure	dB	7	7	7	7	5	8	8	7	6
Linearity	dB			± 1,0	± 1,0	± 0,7	± 0,5	± 0,7	± 0,7	± 0,7
Attenuator	dB	0 ... 20	0 ... 20	0 ... 20	0 ... 20	0 ... 20	0 ... 20 PAD	0 ... 10	0 ... 20	0 ... 20
Equalizer	dB	-	-	0 ... 18	0 ... 18	0 ... 18	0 ... 18 PAD	-	0 ... 18	0 ... 18
Interstage equalizer	dB									
Output level										
IMA 3 > 60 dB / DIN	dBμV	114	114	115	115	117	117	113	114	115
IMA 2 > 60 dB / DIN	dBμV	99	99	102	104	111	113	99	104	104
CTB > 60 dB / 42 ch. / Cenelec	dBμV	97	97	99	99	104	102	96	99	99
CSO > 60 dB / 42 ch. / Cenelec	dBμV	92	92	96	96	101	103	92	96	96
Return path modular		-*	-*				■	■	■	■
Return path active, in-built	MHz			5-65	5-65	5-65				
Gain	dB			22	22/28 ¹	28				
Operating voltage, local feeding	V ~	230	230	230	230	185-265	230	230	230	230
Operating voltage, remote feeding	V ~									
Remote current, max.	A									
Power consumption	W	4,5	6,0	7,5	7,5	8,0	7,5	6,5	4,5	6,0
Test point input										■
Test point output							■			■
Outputs		1	1	1	1	1	1	1	1	1
Connections		F	F	F	F	F	F	F	F	F

* BK-series: also with passive return path 30 or 65 MHz deliverable

¹ Gain switchable