

## HOUSE AMPLIFIER PROFI-LINE BKD-G

- || 1.2 GHz DS-bandwidth, modular return path up to 204 MHz
- || **FOSTRA-F** network monitoring prepared
- || Unique Step Spin technology - allows readable values and fast adjustment
- || No accessories necessary for operation
- || DOCSIS 3.1 compliant
- || With **FOSTRA-F**: IDS 0 / 6 / 45 dB on return switchable

### BKD xx G:

- || Push-Pull amplifier with high output level
- || Switchable De-emphasis
- || 85 Mhz return path on resquest available



STEP SPIN TECHNOLOGIE



Type		BKD 22 G-65/85/20	BKD 30 G-65/85/20	BKD 38 G-65/85/20	
Item No.		57004609 / 57004610 57004608	57004612 / 57004614 57004611	57004616 / 57004617 57004615	
Downstream	Frequency range DS	MHz	40 - 1218*		
	Slot for return path diplexer		2		
	Gain	dB	22 ± 1	24 / 30 ± 1	32/38 ± 1
	Linearity	dB	± 0.7		± 0.8
	Noise (typ.)	dB	6.5		
	De-emphasis input	dB	0 / 5 / 10		
	Slope Step Spin		step attenuator 0...10 dB + 10dB; 2 dB steps		
	Attenuation Step Spin		step attenuator 0...10 dB + 5dB; 2 dB steps		
	Interstage slope		0 / 6 dB switchable		
	Interstage attenuation		0 / 6 dB switchable		
Output level max. <sup>1</sup>					
Output level CENELEC* <sup>1</sup>	dBµV	107	112	111	
Output level digital* <sup>2</sup>	dBµV	100	104	103	
Upstream	Frequency range US	MHz	12-65 / 12-85 /12-204	12-65 / 12-85 /12-204	12-65 / 12-85 /12-204
	Gain	dB	21	25	28
	Linearity	dB	± 0.5		
	Interstage slope	dB	step attenuator 0...10 dB ; 2 dB steps		
	Interstage attenuation	dB	step attenuator 0...10 dB ; 2 dB steps		
	Slope output	dB	0 / 6		
	Attenuation output	dB	0 / 10		
	Ingress detection switch	dB	0 / 6 / 45		
	BER @ 107 dBµV, 24 carrier QAM 256		< 1.0E-09		
	Power supply	V~	200 - 240		
Power consumption	W	10.5	11	12	
Test point F	-20 dB	Input + Output			
Immunity to surge voltages	kV	2.0			
Connector		F-connector			
Dimensions / Weight	mm / kg	195 x 120 x 65 / 0.95			

\*1 CENELEC : CTB,CSO > 60 dB,flat

\*2 Digital: EN 60728-3, 119 CH, 262-1214MHz, flat

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