

HOUSE AMPLIFIER PROFI-LINE BKD-G

- 1.2 GHz DS-bandwidth, modular return way 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
- Modular power supply allows an easy in field replacement or upgrade - less service interruption, no new adjustment needed
- With **FOSTRA-F**: IDS 0 / 6 / 45 dB on return switchable

BKD xx G:

- Push-Pull amplifier with high output level
- Switchable De-emphasis



NETWORK
MANAGEMENT
SYSTEM



STEP SPIN
TECHNOLOGIE

Type		BKD 22 G-65/BKD 22 G-20	BKD 30 G-65/BKD 30 G-20	BKD 38 G-65/BKD 38 G-20
Item No.		57002825 / 57003269	57002826 / 57003238	57002827 / 57003270
Downstream	Frequency range DS MHz	40 - 1218*		
	Slot for return way 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		
Upstream	Outputlevel max. ¹			
	CSO / CTB > 60 dB, 42 Ch flat dBμV	107	112	111
	110 Ch 256 QAM, flat, BER < 1.0E-09 dBμV	100	104	103
	Frequency range US MHz	5-65 / 5-204	5-65 / 5-204	5-65 / 5-204
	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		
	50dB NPR @ 35 MHz/65 MHz noise bw	@ -8dBμV/Hz input level dynamic range = 24dB		
	BER @ 107 dBμV, 24 carrier QAM 256	< 1.0E-09		
	Power supply V~	185-265		
	Power consumption W	10.4		11.1
	Test point F -20 dB	input + output		
	Burst protection kV	2.0		
	Connector	F-connector		
	Dimensions / Weight mm / kg	200 x 90 x 55 / 0.7		

* to configure by RLK diplexer

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