

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



FOSTRA-F
CONNECT
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	22 ± 1	24/30 ± 1	32/38 ± 1
	Linearity	± 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		
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
Upstream	Frequency range US	MHz 5-65 / 5-204		
	Gain	21	25	28
	Linearity	dB ± 0,5		
	Interstage slope	step attenuator 0...10 dB ; 2 dB steps		
	Interstage attenuation	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~	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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