# 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

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Frequency range DS MHz</th>
<th>Slot for return way diplexer</th>
<th>Gain dB</th>
<th>Linearity dB</th>
<th>Noise (typ.) dB</th>
<th>De-emphasis input dB</th>
<th>Slope Step Spin</th>
<th>Attenuation Step Spin</th>
<th>Interstage slope dB</th>
<th>Interstage attenuation dB</th>
<th>Output level max. 1</th>
<th>Power supply V~</th>
<th>Power consumption W</th>
<th>Test point F dB</th>
<th>Burst protection kV</th>
<th>Connector</th>
<th>Dimensions / Weight mm / kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>57002825 / 57003269</td>
<td>40 - 1218*</td>
<td>2</td>
<td>22 ± 1</td>
<td>± 0.7</td>
<td>6.5</td>
<td>0/5/10</td>
<td>0 / 6 dB switchable</td>
<td>step attenuator 0...10 dB + 10dB; 2 dB steps</td>
<td></td>
<td>107</td>
<td>112</td>
<td>111</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>57002826 / 57003238</td>
<td>5-65 / 5-204</td>
<td>2</td>
<td>24/30 ± 1</td>
<td>± 0.8</td>
<td></td>
<td></td>
<td></td>
<td>step attenuator 0...10 dB + 5dB; 2 dB steps</td>
<td></td>
<td></td>
<td>100</td>
<td>104</td>
<td>103</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>57002827 / 57003270</td>
<td>5-65 / 5-204</td>
<td>2</td>
<td>32/38 ± 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>25</td>
<td>28</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** * to configure by RLK diplexer
HOUSE AMPLIFIER PROFI-LINE BKD-G

Switch Mode Power Supply
+9 V DC

185-265 V AC

IN: 85/105/258 - 1218 MHz
OUT: 5 - 65/85/204 MHz
TP -20 dB external bidirectional
These components are pluggable or exchangeable

TP -20 dB external unidirectional
OUT: 85/105/258 - 1218 MHz
IN: 5 - 65/85/204 MHz

HPF
12 MHz

Diplexer

0/10 dB
Equalizer 85-1218 MHz
Step equalizer 0/2/4/6/8/10 dB

0/5 dB
Step attenuator 0/2/4/6/8/10 dB
de-emphasis 0/5/10 dB

FOSTRA-P MONITORING
optional

RX

IDS

0/6/45 dB

Diplexer

5 MHz

Step equalizer 0/2/4/6/8/10 dB
Step attenuator 0/2/4/6/8/10 dB

5 MHz