



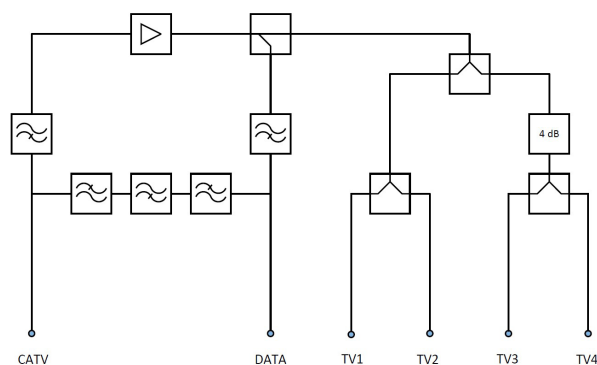
Home amplifiers

## NIU-2420BTF

The NIU-2420BTF is a 5 output home amplifier with four unidirectional TV ports and one bidirectional DATA port for systems with a 65 MHz band split.

### NIU-2420BTF features

- Excellent linear frequency response in conformity with CENELEC standards
- Lightning protection



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## HOME AMPLIFIERS / NIU-2420BTF

| TECHNICAL SPECIFICATIONS   |   |                           |                       |
|--|---|---------------------------|-----------------------|
| Downstream signal path   |   | Upstream signal path      |                       |
| Frequency range  | 87..860MHz  | Frequency range           | 15...65 MHz           |
| Return loss  | 18 dB <sup>(1)</sup>  | Return loss               | 16 dB                 |
| Gain<br>TV1,2<br>TV3,4<br>DATA   | 4 dB<br>0 dB<br>4 dB  |                           |                       |
| Flatness   | > 1 dB  |                           |                       |
| Noise figure   | 7.5 dB  | Flatness                  | > 1 dB                |
| Isolation between ports<br>CM-DS<br>DS   | 30 dB<br>25 dB  |                           |                       |
| CTB Distance   | 60 dBc <sup>(2)</sup>   |                           |                       |
| CSO Distance   | 60 dBc <sup>(2)</sup>   | Injection point           | -20 dB <sup>(6)</sup> |
| GENERAL SPECIFICATIONS   |   |                           |                       |
| Impedance  | 75 Ohm  | Input / output connectors | F-female              |
| Supply voltage DC  | 198.....253 VAC   | Dimensions L x W x H      | 220 x 80 x 40 mm      |
| Housing  | diecast, ABS plastic cover  | Operating temperature     | 0...+40 °C            |
| EMC compatibility  | IEC60728-2  | Class of enclosure        | IP20                  |
| NOTES  |   |                           |                       |
| (1) The limiting curve is defined at 80 MHz -1.5 dB/octave, min. 13 dB.<br>(2) According to Cenelec raster 42 channels 16 dBmV flat. |   |                           |                       |
| ORDERING INFORMATION   |   |                           |                       |
| NIU-2420BTF  | Home Amplifier with 5 outputs, 4 unidirectional TV and 1 Bidirectional data |                           |                       |

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TELESTE CORPORATION  
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