

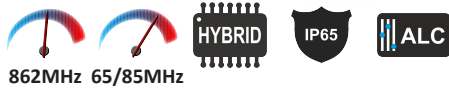
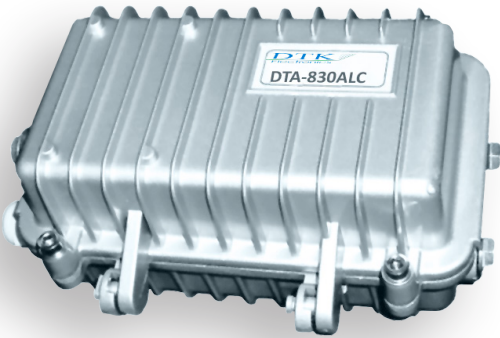
### Description:

Designed to satisfy requirements for building CATV networks and to achieve maximum station performance.

Created using module plug-in architecture, which provides maximum flexibility in various applications (high gain or low gain with power doubling). The ALC system keeps signal parameters in very tight limits according to user-defined settings, regardless of external influences

### Features:

- Automatic Level Control (ALC) with voltage controlled attenuator (optional)
- Efficient pulse power supply technology
- Surge protection
- Coaxial line power-feeding (option C)
- Water-resistant hermetic housing (IP65) for outdoor mounting
- Mains power-feeding (option M)
- Coaxial connectors 5/8"



| Technical Specifications |  | Technical Specifications |              | General Specifications |                   |
|--------------------------|--|--------------------------|--------------|------------------------|-------------------|
| DOWN Stream              |  | UP Stream                |              |                        |                   |
| Bandwidth                | 47/85 ÷ 862 MHz                        | Bandwidth                | 5 ÷ 65MHz    | Power Supply (Coaxial) | 24 ÷ 70 VAC       |
| Active Components        | Hybrid ICs                             | Gain (ALC OFF)           | 15 dB        | Power Supply (Mains)   | 100 ÷ 265 VAC     |
| Gain (ALC OFF)           | 32dB                                   | Gain (ALC ON)            | 15 dB        | Power Consumption      | 13.5W             |
| Gain (ALC ON)            | 25dB                                   | Gain Flatness            | ± 0.5 dB     | Hum Modulation         | 61dB / ≤6A AC     |
| Gain Flatness            | ± 0.55dB                               | Noise Figure             | ≤ 6dB        | Operating Temperature  | -20 ÷ 60°C        |
| Noise Figure             | ≤ 7(9)dB                               | Output test port         | -20 ± 0.5 dB | Dimensions             | 200 x 140 x 90 mm |
| Frequency Equalizer      | 0 ÷ -22dB @ 47MHz<br>0 ÷ -20dB @ 85MHz | Input test port          | -20 ± 0.5 dB | Weight                 | 1.25 kg           |
| ALC lock-in range        | ± 5dB                                  | IMA 3≥60dB (DIN 45004B)  | 115dBμV      |                        |                   |
| Input/Output test ports  | -30 ± 0.5 dB                           | IMA 2≥60dB (DIN 45004A1) | 105dBμV      |                        |                   |
| IMA 3≥60dB (DIN 45004B)  | 121dBμV                                |                          |              |                        |                   |
| IMA 2≥60dB (DIN 45004A1) | 112dBμV                                |                          |              |                        |                   |

